MODERN LIGHTING *for* SERVICE STATIONS

CATALOG 63

JUN 23 1939

GOODRICH ELECTRIC COMPANY

AT
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962
1939

GOODRICH ELECTRIC COMPANY

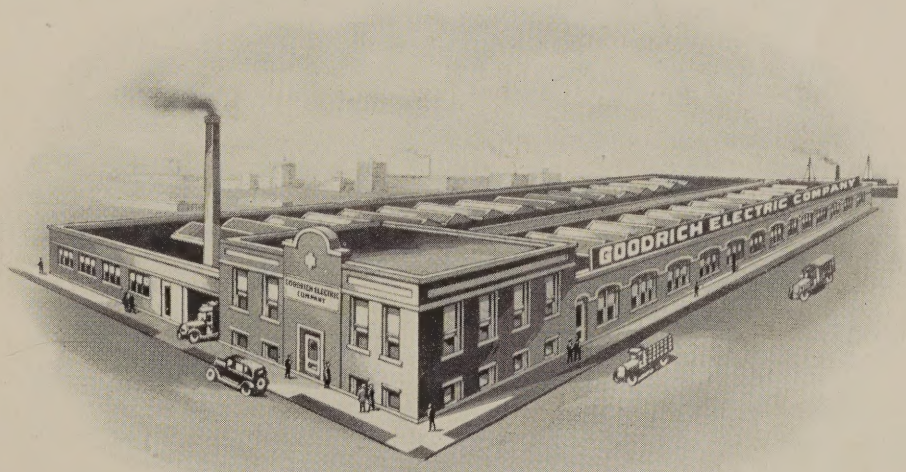
INCORPORATED

MANUFACTURERS OF

Lighting Equipment

CATALOGUE 63

JUN 23 1939



GENERAL OFFICES & FACTORY - - 2900 NORTH OAKLEY AVENUE, CHICAGO

OFFICES IN ALL PRINCIPAL CITIES

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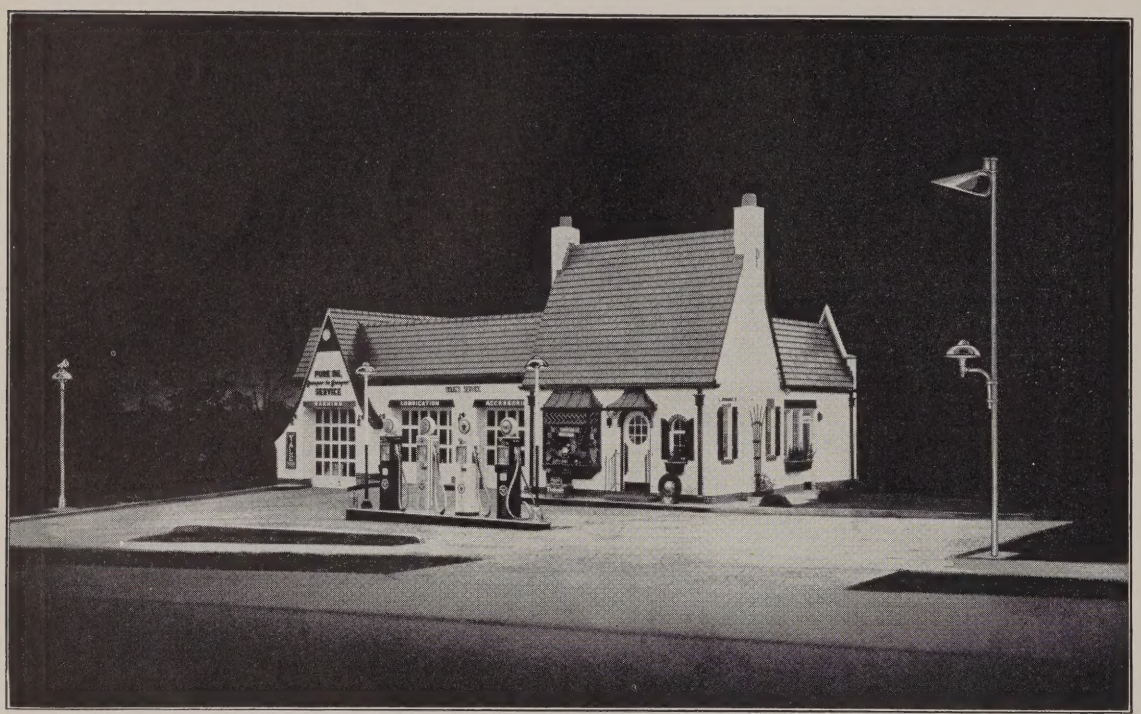
LIGHTING EQUIPMENT FOR—



Gasoline's Star Salesman Is Good Illumination

Good illumination is just as vital to small stations as to large ones.

Actual case studies made in various sections of the country conclusively prove that modern lighting can substantially increase business. Conservative figures indicate that modern lighting will at least double the night business of the average service station. This is due to the fact that 87% of all impressions come through the eyes. The station that is properly floodlighted becomes a landmark in the darkness. It signals the approaching motorist — tells him that a service station lies ahead — gives him a chance to turn in before he has passed by.

Modern illumination bespeaks modern service. It has drawing power for street and highway traffic. It advertises the service station and increases daytime business through returning customers whose attention was attracted at night. All comprehensive studies of the retail gasoline business repeatedly show the important part which modern lighting plays toward increasing sales.

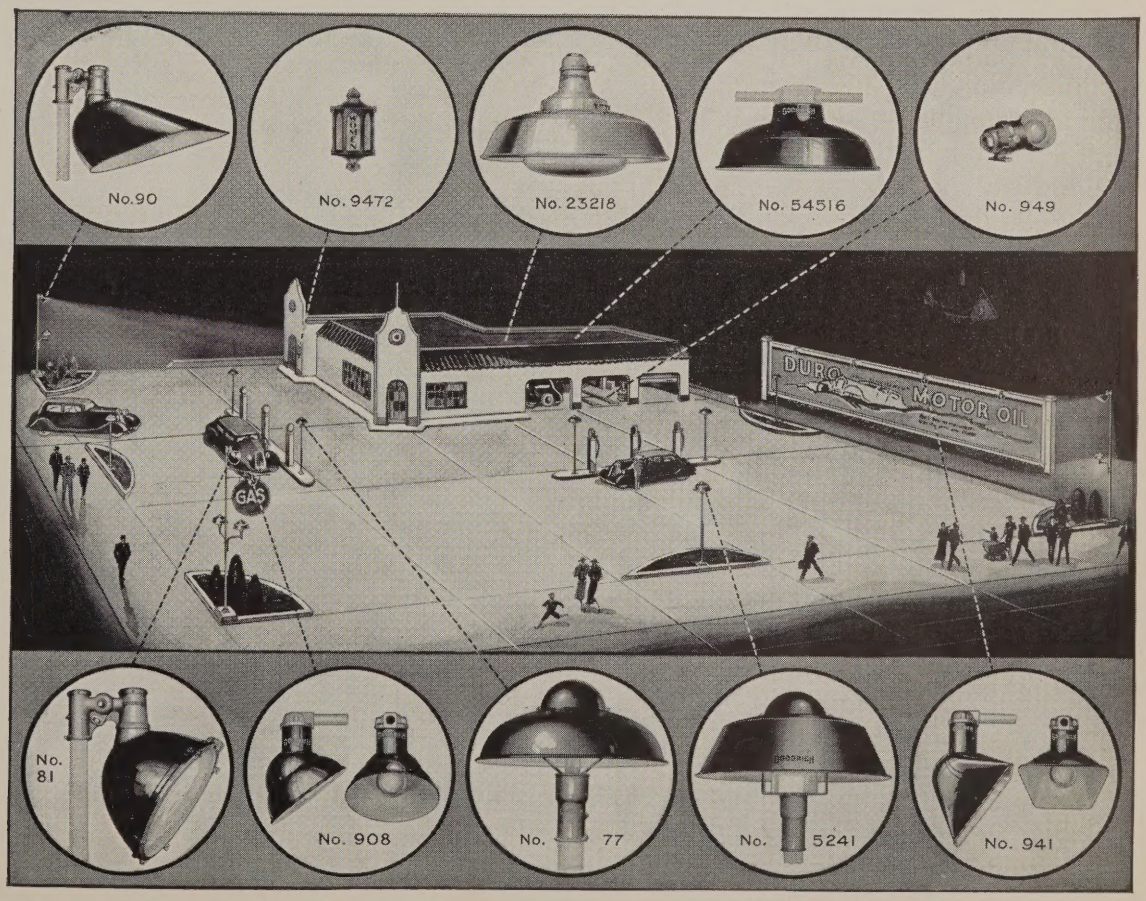
GASOLINE SERVICE STATIONS

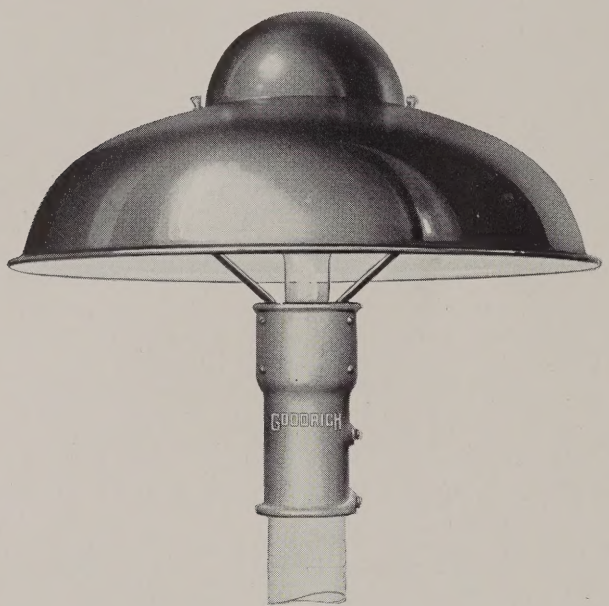
A Complete Line that Fills Every Need for Efficient Illumination

The Goodrich Electric Company has specialized in the illumination of gasoline service stations. In this complete line you will find modern lighting fixtures to meet every requirement for outside or inside use. The popular Standlite was originated by Goodrich to give you a modern, dignified fixture which would require less space, bring light nearer the ground for servicing and provide greater efficiency with less glare. All Goodrich equipment has been designed after thorough studies of service station problems, to answer these special requirements in the most efficient and economical manner.

Explanation of Equipment Shown Below

In this typical, modern service station, yard illumination is supplied by Floodlights and Standlites. On the outside corners of the property are No. 90 Floodlights mounted on poles and adjusted to cover the ground area toward the station. In the middle foreground is a No. 81 Floodlight mounted on a pole and directed on the station itself. The pump islands are illuminated with two Standlites each, mounted on 10′ poles. On the property line and on corner poles are Mercury Vapor Standlites which supply an unusual color, that immediately attracts the attention of traffic. Bulletin sign is illuminated with Keystone Sign Reflectors while the small round emblem sign on the corner is illuminated with Round Emblem Sign Reflectors. A directional sign light indicates the Women's Wash Room. Within the station Glassteel Diffusers and Outlet Box Reflectors supply overhead illumination. On the lifts are mounted 4 Liftlites which move up and down with the lift to furnish glareless illumination for greasing operations.





No. 77
DIRECT STANDLITE

THE OIL INDUSTRY'S CHOICE FOR SERVICE STATION ILLUMINATION

PERMANENTLY FINISHED IN VITREOUS FIRED PORCELAIN ENAMEL

With the highly competitive conditions which obtain today it is imperative that the modern service station should be illuminated in a manner to attract the fast moving stream of motorists. Goodrich Standlites bring the light closer to the ground thus giving greater efficiency and less glare. Attendants can service cars more quickly and the station is agleam with light. Results — more motorists attracted — quicker service — more gallonage — greater profits.

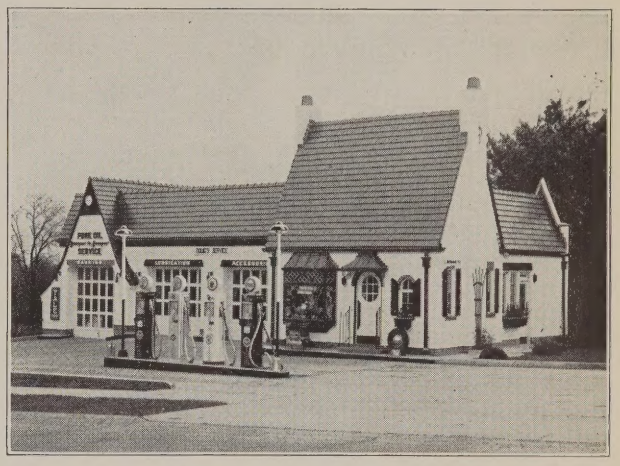
The Goodrich Standlite is an entirely weatherproof porcelain enameled fixture combining unusually high efficiency with good appearance. Delivers high intensity illumination especially suitable for gasoline service stations, parking lots and other similar areas.

The Standlite is designed for the illumination of areas where a uniform high intensity of light is required. The large porcelain enameled reflector diffuses the light over a wide area from the pole outward in all directions utilizing the full efficiency of the lamp for useful illumination.

All the functions normally performed at a filling station during the day can as easily and quickly be done at night under Standlite illumination. Due to its low mounting height, the Standlite can be easily cleaned and relamped.

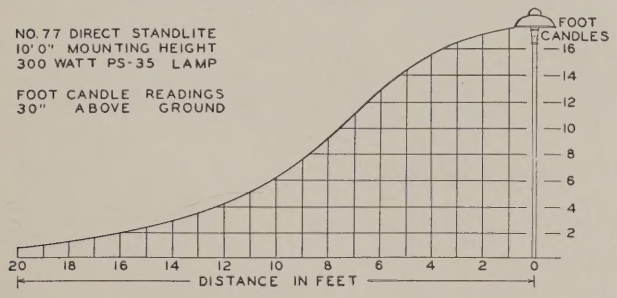
No. 77 DIRECT STANDLITE

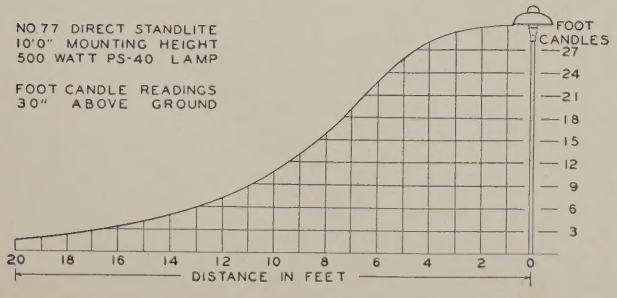
National Electrical Code Standard



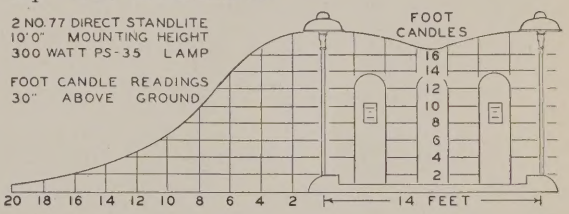
FOR PUMP ISLANDS AND OTHER SERVICE STATION AREAS

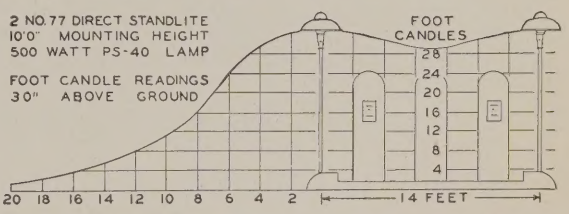
The Goodrich Standlite was designed especially for service station illumination and produces a wide spread of diffused light from its low mounting height of 10 to 12 feet. The diffusing qualities of its permanent porcelain enamel finish evenly distributes the light to secure uniform high intensity. The charts shown below indicate the excellent results which may be obtained from one No. 77 Standlite when used alone for any location around the service station. While readings are shown to a radius of only 20 feet, the distribution of Goodrich Standlites extends considerably beyond this distance.





The charts below show the intensities which may be obtained from two No. 77 Standlites when used for pump island illumination.



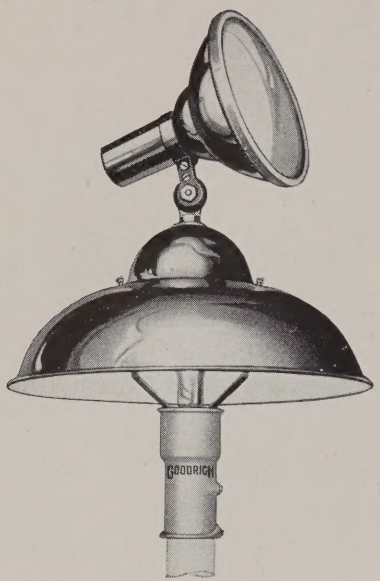


CONSTRUCTION AND FINISH

The Goodrich Standlite is ruggedly constructed and entirely weatherproof. Holder is made of cast aluminum and slips 2 inch pipe. The reflector is permanently finished in vitreous fired green porcelain enamel. Other colors will be supplied when ordered. Prices do not include lamps.

No.	Lamp Size	Diam.	Shipping Weight		Std. Pkg.	List Price
			1	2		
77	300-500	20	19	28	1	**11.00**

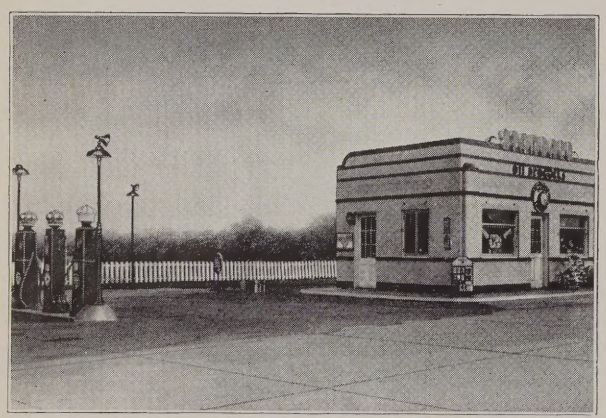
Patent Pending



No. 7752

Combination Standlite

National Electrical Code Standard



PERMANENTLY FINISHED IN VITREOUS FIRED PORCELAIN ENAMEL

The Combination Standlite combines the Direct Standlite with a close mounting floodlight for effective lighting of pump islands and buildings at gasoline service stations. Floodlight is adjustable for vertical and lateral positioning. Equipped with water-tight clear glass lens. All wiring is concealed.

The Standlite when mounted from 10 to 12 feet high produces uniform high intensity over the surrounding ground area. This low mounting simplifies installation and servicing. The permanent porcelain enamel finish is easily cleaned to retain its original high efficiency.

The Goodrich Standlite is ruggedly constructed and entirely weatherproof. Cast aluminum holder slips 2 inch pipe.

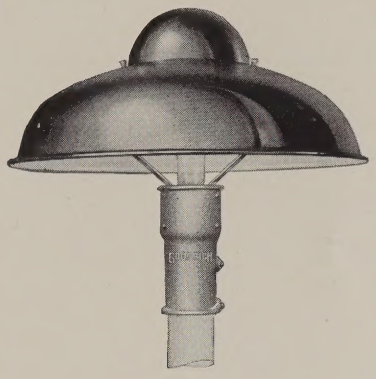
Standard finish of reflector is vitreous fired green porcelain enamel. Other colors will be supplied when ordered. Prices do not include lamps.

Number	Lamp Sizes		Shipping Weight	Std. Pkg.	List Price
	Standlite	Floodlight			
7722	200	200	27	1	**$28.50**
7725	200	300-500	35	1	**33.50**
7752	300-500	200	27	1	**28.50**
7755	300-500	300-500	35	1	**33.50**

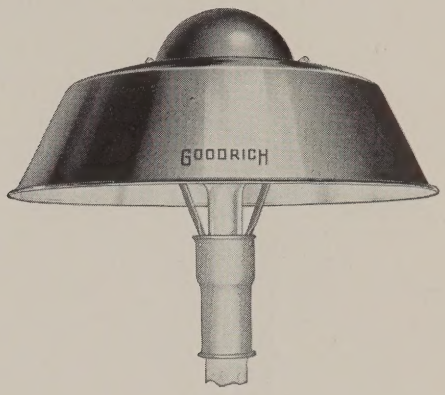
Patent Pending

Direct Standlite

National Electrical Code Standard



No. 57
Standlite
Side View



No. 775
Standlite
Side View

PERMANENTLY FINISHED IN VITREOUS FIRED PORCELAIN ENAMEL

The Direct Standlite is a highly efficient fixture which diffuses the light from the pole outward in all directions.

The Standlite when mounted from 10 to 12 feet high produces uniform high intensity over the surrounding ground area. This low mounting simplifies installation and servicing. The permanent porcelain enamel finish is easily cleaned to retain its original high efficiency.

The Goodrich Standlite is ruggedly constructed and entirely weatherproof. Cast aluminum holder slips 2 inch pipe.

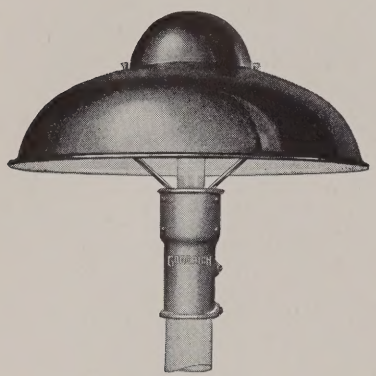
Standard finish of reflector is vitreous fired green porcelain enamel. Other colors will be supplied when ordered. Prices do not include lamps.

No.	Lamp Size	Diam.	Shipping Weight 1	Shipping Weight 2	Std. Pkg.	List Price
57	200	20	19	28	1	**$11.00**
775	750-1500	24	24	—	1	**13.00**

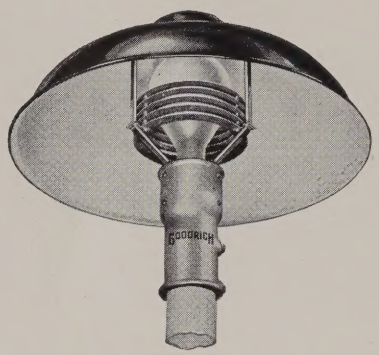
Patent Pending

Louver Standlite

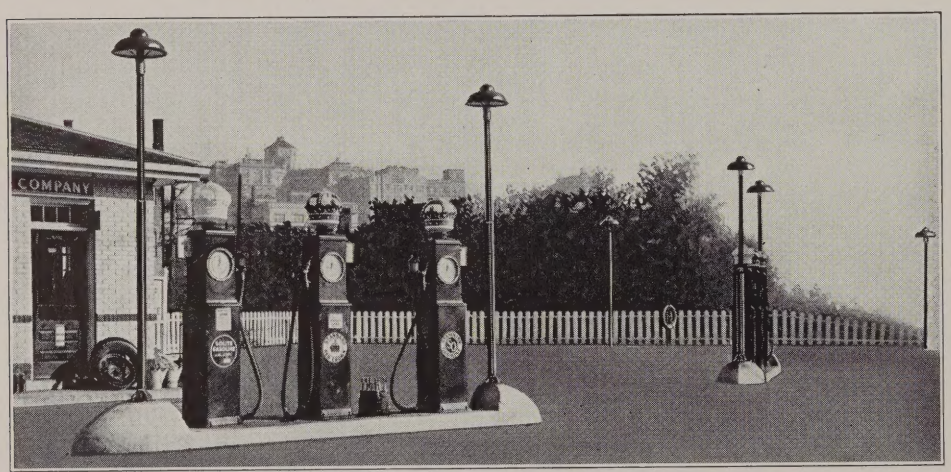
National Electrical Code Standard



No. 58
Standlite
Side View



No. 58
Standlite
View from below



PERMANENTLY FINISHED IN VITREOUS FIRED PORCELAIN ENAMEL

The Louver Standlite, which is equipped with louvers so constructed as to greatly reduce glare, produces diffused illumination from the pole outward in all directions.

The Standlite when mounted from 10 to 12 feet high produces uniform high intensity over the surrounding ground area. This low mounting simplifies installation and servicing. The permanent porcelain enamel finish is easily cleaned to retain its original high efficiency.

The Goodrich Standlite is ruggedly constructed and entirely weatherproof. Cast aluminum holder slips 2 inch pipe.

Standard finish of reflector is vitreous fired green porcelain enamel. Other colors will be supplied when ordered. Prices do not include lamps.

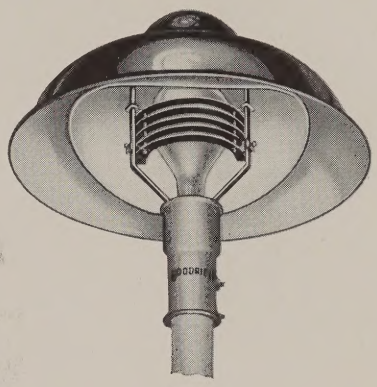
No.	Lamp Size	Diam.	Shipping Weight 1	Shipping Weight 2	Std. Pkg.	List Price
58	300-500	20	19	28	1	**$12.00**

Patent Pending

Angle Standlite

National Electrical Code Standard

No. 79
Standlite
Side View



No. 79
Standlite
View from below

PERMANENTLY FINISHED IN VITREOUS FIRED PORCELAIN ENAMEL

The Angle Standlite offers the efficiency and directional advantages of a floodlight. Especially designed to project the light in one direction only and to protect from glare windows of buildings adjacent to the lighted area. The inner reflector is adjustable to regulate the distribution of light.

The Standlite when mounted from 10 to 12 feet high produces uniform high intensity on the surrounding ground area. This low mounting simplifies installation and servicing. The permanent porcelain enamel finish is easily cleaned to retain its original high efficiency.

The Goodrich Standlite is ruggedly constructed and entirely weatherproof. Cast aluminum holder slips 2 inch pipe.

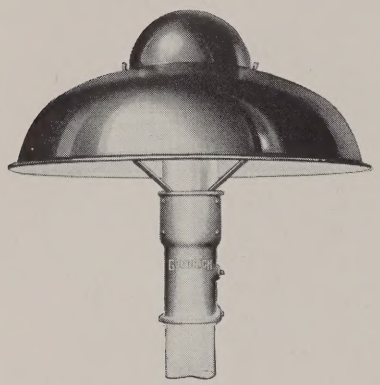
Standard finish of reflector is vitreous fired green porcelain enamel. Other colors will be supplied when ordered. Prices do not include lamps.

No.	Type	Lamp Size	Dia.	Shipping Weight 1	Shipping Weight 2	Std. Pkg.	List Price
78	Without Louver	300-500	20	20	30	1	**$13.00**
79	With Louver	300-500	20	20	30	1	**14.00**

Patent Pending

Bipost Lamp Standlite

National Electrical Code Standard



No. 7650
Standlite
Side View

No. 7650
Standlite
View from below

PERMANENTLY FINISHED IN VITREOUS FIRED PORCELAIN ENAMEL

The Bipost Lamp Standlite, equipped with specially constructed socket for that lamp, is designed to diffuse the light from the pole outward in all directions.

The Standlite when mounted from 10 to 12 feet high produces uniform high intensity over the surrounding ground area. This low mounting simplifies installation and servicing. The permanent porcelain enamel finish is easily cleaned to retain its original high efficiency.

The Goodrich Standlite is ruggedly constructed and entirely weatherproof. Cast aluminum holder slips 2 inch pipe.

Standard finish of reflector is vitreous fired green porcelain enamel. Other colors will be supplied when ordered. Prices do not include lamps.

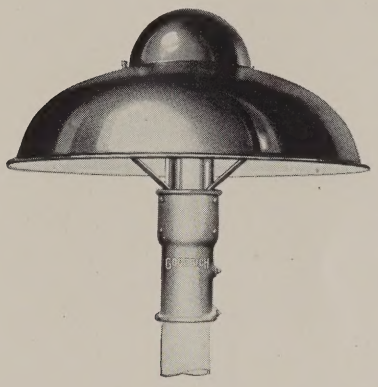
For Advantages of Bipost Lamps, See Page 28

No.	Lamp Size	Diam.	Shipping Weight 1	Shipping Weight 2	Std. Pkg.	List Price
7650	500	20	19	28	1	**12.50**
7670	750–1000	20	19	28	1	**12.50**

Patent Pending

Indirect Standlite

National Electrical Code Standard



No. 68
Standlite
Side View

No. 68
Standlite
View from below

PERMANENTLY FINISHED IN VITREOUS FIRED PORCELAIN ENAMEL

The Indirect Standlite with its indirect illumination is recommended for areas which require evenly diffused light absolutely free from glare or objectionable shadows.

The Standlite when mounted from 10 to 12 feet high produces uniform high intensity over the surrounding ground area. This low mounting simplifies installation and servicing. The permanent porcelain enamel finish is easily cleaned to retain its original high efficiency.

The Goodrich Standlite is ruggedly constructed and entirely weatherproof. Cast aluminum holder slips 2 inch pipe.

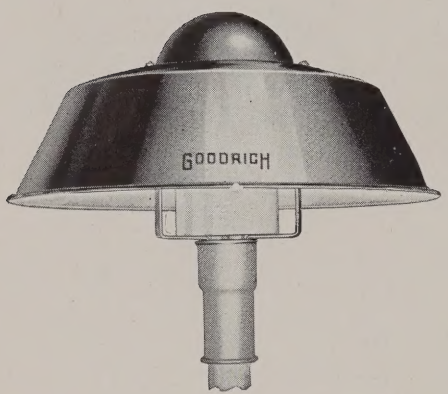
Standard finish of reflector is vitreous fired green porcelain enamel. Other colors will be supplied when ordered. Inner reflector is made of Durak electrochemically processed aluminum. Prices do not include lamps.

No.	Lamp Size	Diam.	Shipping Weight			Std. Pkg.	List Price
			1	2	3		
66	200	20	24	30	36	1	**$13.00**
68	300–500	20	24	30	36	1	**13.00**

Patent Pending

Shielded Mercury Standlite

National Electrical Code Standard



No. 5241
Standlite
Side View

No. 5241
Standlite
View from below

PERMANENTLY FINISHED IN VITREOUS FIRED PORCELAIN ENAMEL

The Mercury Standlite is recommended for mounting at the corners of the service station or at drive approaches. Its peculiar greenish-white light attracts the motorist and gives added advertising to the station. The diffusing glass cylinder surrounding the lamp gives a lighted column of startling color effect which is visible at a considerable distance. Requires special transformer for operation.

The Standlite when mounted from 10 to 12 feet high produces uniform high intensity over the surrounding ground area. This low mounting simplifies installation and servicing. The permanent porcelain enamel finish is easily cleaned to retain its original high efficiency.

The Goodrich Standlite is ruggedly constructed and entirely weatherproof. Cast aluminum holder slips 2 inch pipe.

Standard finish of reflector is vitreous fired green porcelain enamel. Other colors will be supplied when ordered. Prices do not include transformers or lamps.

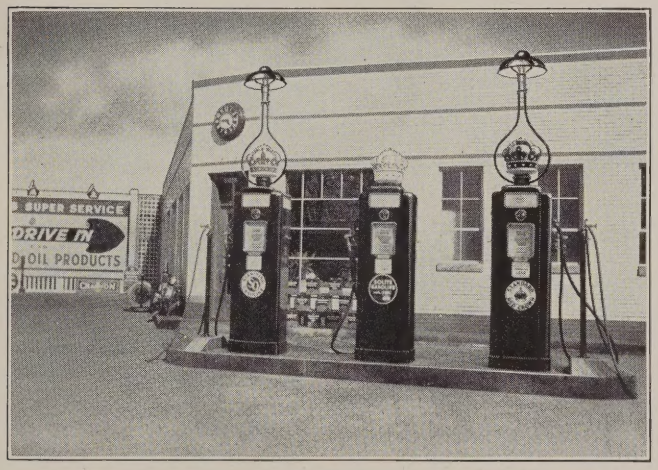
Number	Lamp Size	Diam.	Shipping Weight	Std. Pkg.	List Price
5241	400	24	25	1	**$16.00**

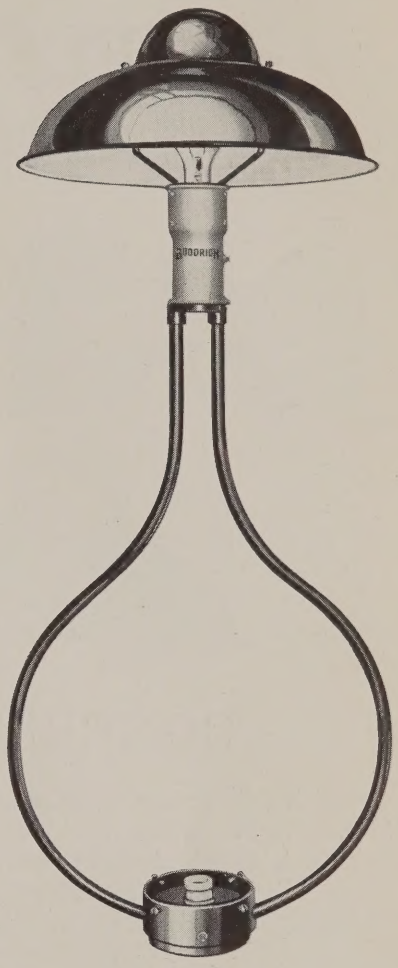
Patent Pending

Pump Globe Adapter

For Standlites

A weatherproof concealed wiring adapter for mounting Standlite and Globe on gasoline pumps.





No. 7736

There are many gasoline service stations in locations where the traffic is not sufficiently heavy to warrant the expense of wiring for Floodlights and Standlites. In most of these stations, however, the pumps are wired and are illuminated by globes of varying styles.

In order to provide an inexpensive means of using a Standlite in such locations, the Pump Globe Adapter was created. This fitting permits the mounting of the Standlite on a gasoline pump which is equipped with a globe having a 6 inch fitter. The adapter merely fits into the present globe fitter which is on the pump and provides for concealed wiring to the Standlite. It also provides a fitter for the globe.

This adapter, therefore, provides a means of using the present globe as well as extending the line to a Standlite for the illumination of the area about the pump. The adapter is 41 inches long which provides for mounting of Standlite with the edge of the reflector 46 inches above the top of the pump. The adapter permits the use of any style of globe up to 21 inches in diameter.

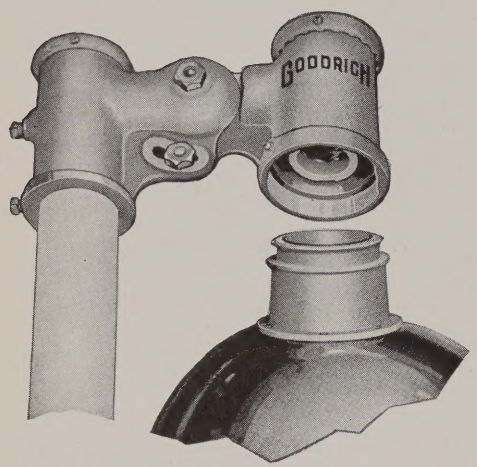
Standard finish is green, but other colors will be supplied when ordered. The upper section of the adapter is fitted with a 2 inch pipe to take the ordinary Standlite. When supplied with switch either the globe or the Standlite or both may be burned at the same time. Prices do not include Standlites.

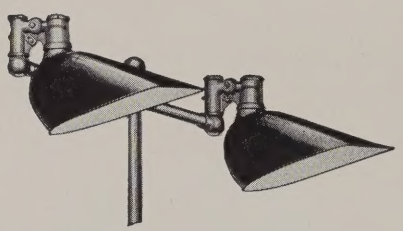
Number	Description	Shipping Weight	Std. Pkg.	List Price
7735	Adapter Less Switch	21	1	**$16.00**
7736	Adapter With Switch	21	1	**17.30**

Patent Pending

FLOODLIGHTS

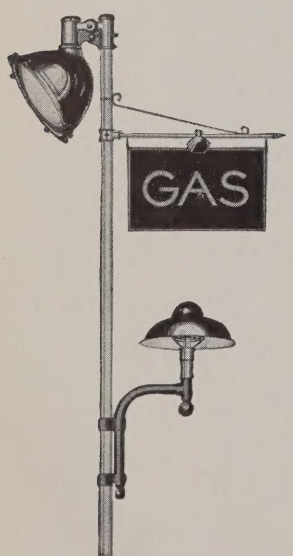
WITH POLE MOUNTING HOOD





CONCEALED WIRING STYLE

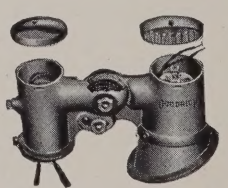
All Goodrich Pole Mounting Floodlights are supplied in permanent vitreous fired porcelain enameled finish which is easily cleaned to retain its original high efficiency. Equipped with cast aluminum ventilated hood which allows the Floodlight to be completely removed from the hood without disturbing the wiring. This construction offers many advantages. During installation and wiring, only the hood is handled instead of the heavier complete unit, the Floodlight being easily attached to the hood after the wiring has been completed.



Cleaning is simplified since the Floodlight may be removed, taken to the ground, and cleaned, then attached to the hood. This hood construction, therefore, eliminates the hazardous part of the job of installing or cleaning Goodrich Floodlights. The pole mounting hood allows complete vertical and lateral positioning. Two large set screws securely lock the hood in the correct position.

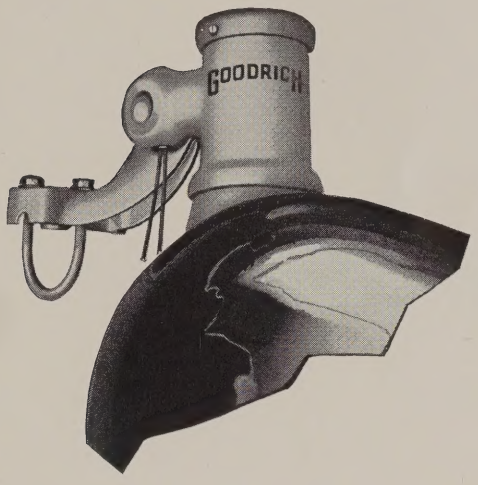
Cast aluminum pole mounting hood is concealed wiring style and slips 2 inch iron pole.

It is exceptionally easy to wire since the covers of both the bracket and hood are removable permitting line wires to be brought through the large wireway and connected directly to the easily accessible socket terminals. The wiring, therefore, is easily and quickly completed even without splicing and without removing the socket.

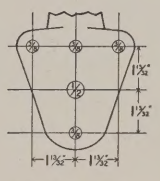


Floodlights can be supplied with inner beam projectors which serve to concentrate a portion of the light to build up intensities on distant areas or objects. Inner Beam Projectors are made from Durak electro-chemically processed aluminum and are supplied only when ordered.

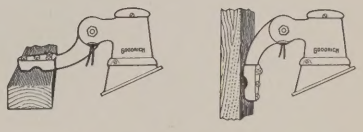
FLOODLIGHTS
WITH BRACKET MOUNTING HOOD



Clamps around 1″ to 2″ pipe



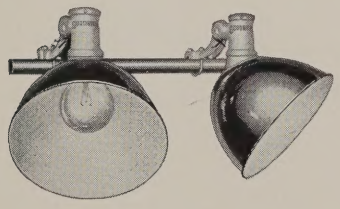
Showing hole spacing on bracket arm



Attaches to wooden crossarm and other flat surfaces

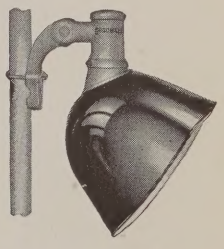
OPEN WIRING STYLE

All Goodrich Bracket Mounting Floodlights are supplied in permanent vitreous fired porcelain enameled finish which is easily cleaned to retain its original high efficiency. Equipped with cast aluminum ventilated hood which allows the Floodlight to be completely removed from the hood without disturbing the wiring. This construction offers many advantages. During the installation and wiring, only the hood is handled instead of the heavier complete unit, the Floodlight being easily attached to the hood after the wiring has been completed.

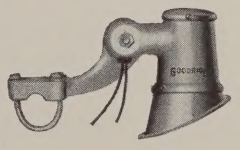


Cleaning is simplified since the Floodlight may be removed, taken to the ground, and cleaned, then attached to the hood. This hood construction, therefore, eliminates the hazardous part of the job of installing or cleaning Goodrich Floodlights. The bracket mounting hood allows complete vertical and lateral positioning.

Cast aluminum bracket mounting hood is open wiring style and can be mounted either on pipe or wooden surface as shown in the illustrations above. Either the U clamp or lag screws may be used, and any desired adjustment can be secured as the arm permits universal adjustment.

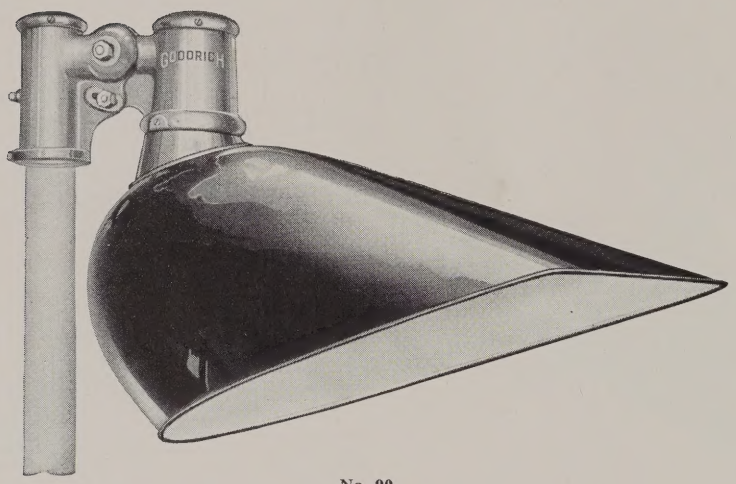


It is exceptionally easy to wire, since the cover of the hood is removable, permitting line wires to be brought through the large wireway and connected directly to the easily accessible socket terminals. The wiring, therefore, is easily and quickly completed even without splicing and without removing the socket.



Floodlights can be supplied with inner beam projectors which serve to concentrate a portion of the light to build up intensities on distant areas or objects. Inner Beam Projectors are made from Durak electro-chemically processed aluminum and are supplied only when ordered.

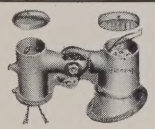
Diffuso Floodlight



No. 90

PERMANENTLY FINISHED IN VITREOUS FIRED PORCELAIN ENAMEL

The Goodrich Diffuso Floodlight is designed for evenly illuminating large areas, such as gasoline service stations, athletic fields, golf practice courses, bathing beaches, tennis courts, parking spaces, freight yards, industrial property and other similar places. Equipped with cast aluminum ventilated hood for pole or bracket mounting which allows floodlight to be quickly removed for cleaning without disturbing the wiring. Both styles of hoods are weatherproof and provide for complete vertical and lateral positioning. Standard finish is vitreous fired green porcelain enamel. Other colors will be supplied when ordered. Prices do not include lamps.



Pole Mounting

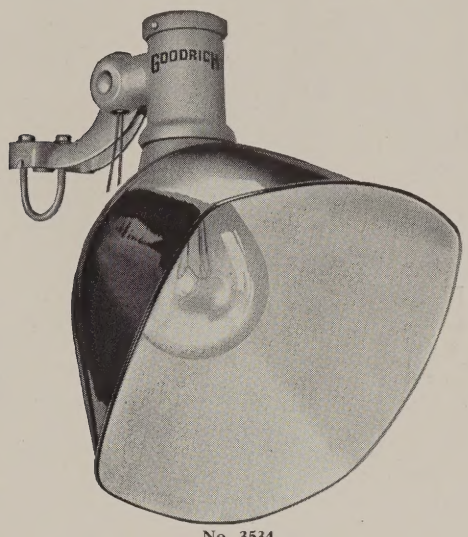
Cast aluminum pole mounting hood is for concealed wiring. Slips 2 inch iron pipe. Allows for vertical and lateral positioning. Removable caps and large wireway permit connecting line wires directly to socket terminals without splicing and without removing socket.

Number	Lamp Size	Length of Reflector	Shipping Weight	Std. Pkg.	List Price
FLOODLIGHT WITH POLE MOUNTING HOOD **Concealed Wiring Style** **NEC Standard**					
95	300-500	19¼	19	1	**$22.00**
90	750-1500	26	25	1	**28.00**
FLOODLIGHT WITH BRACKET MOUNTING HOOD **Open Wiring Style**					
96	300-500	19¼	19	1	**$20.00**
91	750-1500	26	25	1	**26.00**
DURAK ALUMINUM INNER BEAM PROJECTOR **Inner Beam Projectors Are Supplied Only When Ordered**					
492	For 300-500 Watt Floodlight			1	**$3.00**
494	For 750-1500 Watt Floodlight			1	**3.00**

Bracket Mounting

Cast aluminum bracket mounting hood is for open wiring. May be clamped on 1 to 2 inch iron pipe or attached to wooden crossarm or other flat surface. Allows for vertical and lateral positioning. Threaded wire entrance bushing may be replaced with BX connector.

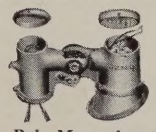
Quarto Floodlight



No. 3534

PERMANENTLY FINISHED IN VITREOUS FIRED PORCELAIN ENAMEL

The Quarto Floodlight is recommended for general illumination of areas and buildings. The shape of its opening gives a definite line of cutoff. It uniformly illuminates the floodlighted area to a high intensity. Equipped with cast aluminum ventilated hood for pole or bracket mounting which allows floodlight to be quickly removed for cleaning without disturbing the wiring. Both styles of hoods are weatherproof and provide for complete vertical and lateral positioning. Standard finish is vitreous fired green porcelain enamel. Other colors will be supplied when ordered. Prices do not include lamps.



Pole Mounting

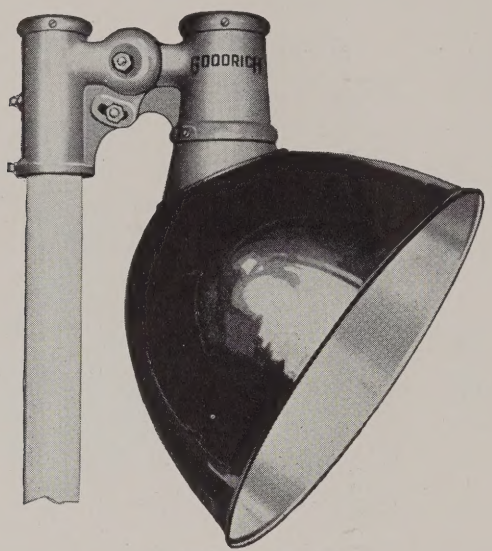
Cast aluminum pole mounting hood is for concealed wiring. Slips 2 inch iron pipe. Allows for vertical and lateral positioning. Removable caps and large wireway permit connecting line wires directly to socket terminals without splicing and without removing socket.

Number	Lamp Size	Reflector Opening	Shipping Weight	Std. Pkg.	List Price
FLOODLIGHT WITH POLE MOUNTING HOOD **Concealed Wiring Style** **NEC Standard**					
3522	300-500	17x16	20	1	**$18.00**
3524	750-1500	17x16	20	1	**19.00**
FLOODLIGHT WITH BRACKET MOUNTING HOOD **Open Wiring Style**					
3532	300-500	17x16	20	1	**16.00**
3534	750-1500	17x16	20	1	**17.00**
DURAK ALUMINUM INNER BEAM PROJECTOR **Inner Beam Projectors Are Supplied Only When Ordered**					
432	For 300-500 Watt Floodlight			1	**3.00**
434	For 750-1500 Watt Floodlight			1	**3.00**

Bracket Mounting

Cast aluminum bracket mounting hood is for open wiring. May be clamped on 1 to 2 inch iron pipe or attached to wooden crossarm or other flat surface. Allows for vertical and lateral positioning. Threaded wire entrance bushing may be replaced with BX connector.

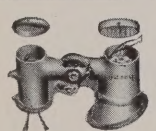
Reflecto Floodlight



No. 80 Open Floodlight

PERMANENTLY FINISHED IN VITREOUS FIRED PORCELAIN ENAMEL

The Reflecto Floodlight is designed for service where a given area or structure is to be uniformly illuminated to a high intensity. This Floodlight is supplied either open or with hinged watertight glass lens. The glass lens protects the reflecting surface and serves to keep it clean. Equipped with cast aluminum ventilated hood for pole or bracket mounting which allows floodlight to be quickly removed for cleaning without disturbing the wiring. Both styles of hoods are weatherproof and provide for complete vertical and lateral positioning. Standard finish is vitreous fired green porcelain enamel. Other colors will be supplied when ordered. Prices do not include lamps.



Pole Mounting

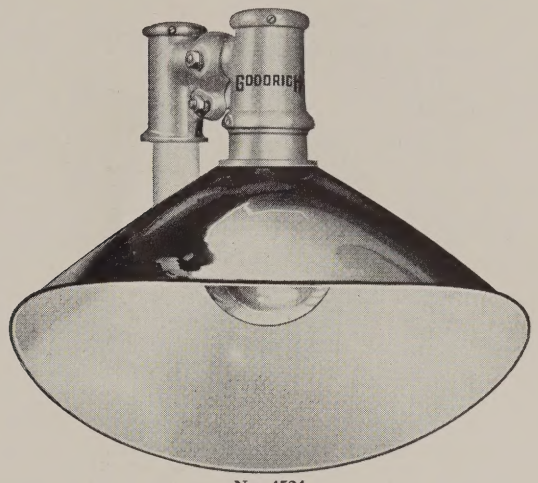
Cast aluminum pole mounting hood is for concealed wiring. Slips 2 inch iron pipe. Allows for vertical and lateral positioning. Removable caps and large wireway permit connecting line wires directly to socket terminals without splicing and without removing socket.

Number	Type	Lamp Size	Diam.	Shipping Weight	Std. Pkg.	List Price
FLOODLIGHT WITH POLE MOUNTING HOOD						
Concealed Wiring Style						**NEC Standard**
85	Open	300–500	16	18	1	**$17.50**
86	Enclosed	300–500	16	21	1	**23.50**
80	Open	750–1500	18	22	1	**19.00**
81	Enclosed	750–1500	18	26	1	**27.00**
FLOODLIGHT WITH BRACKET MOUNTING HOOD						
Open Wiring Style						
87	Open	300–500	16	18	1	**$15.50**
89	Enclosed	300–500	16	21	1	**21.50**
83	Open	750–1500	18	22	1	**17.00**
84	Enclosed	750–1500	18	26	1	**25.00**
DURAK ALUMINUM INNER BEAM PROJECTOR						
Inner Beam Projectors Are Supplied Only When Ordered						
482	For 300–500 Watt Floodlight				1	**$3.00**
484	For 750–1500 Watt Floodlight				1	**3.00**

Bracket Mounting

Cast aluminum bracket mounting hood is for open wiring. May be clamped on 1 to 2 inch iron pipe or attached to wooden crossarm or other flat surfaces. Allows for vertical and lateral positioning. Threaded wire entrance bushing may be replaced with BX connector.

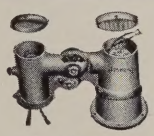
Elipso Floodlight



No. 4524

PERMANENTLY FINISHED IN VITREOUS FIRED PORCELAIN ENAMEL

The Elipso Floodlight is particularly adapted to the illumination of areas where a wide lateral distribution of light is required. Equipped with cast aluminum ventilated hood for pole or bracket mounting which allows floodlight to be quickly removed for cleaning without disturbing the wiring. Both styles of hoods are weatherproof and provide for complete vertical and lateral positioning. Standard finish is vitreous fired green porcelain enamel. Other colors will be supplied when ordered. Prices do not include lamps.



Pole Mounting

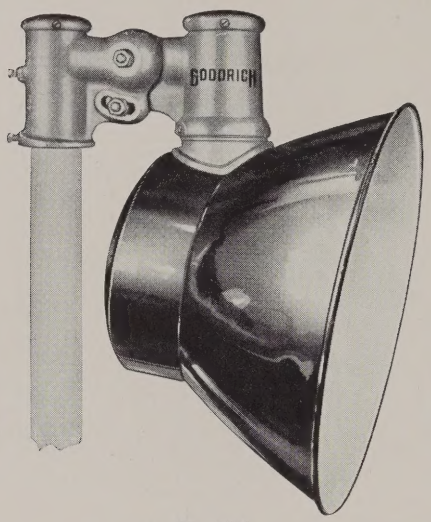
Cast aluminum pole mounting hood is for concealed wiring. Slips 2 inch iron pipe. Allows for vertical and lateral positioning. Removable caps and large wireway permit connecting line wires directly to socket terminals without splicing and without removing socket.

Number	Lamp Size	Reflector Opening	Shipping Weight	Std. Pkg.	List Price
FLOODLIGHT WITH POLE MOUNTING HOOD **Concealed Wiring Style** **NEC Standard**					
4522	300–500	20x15	17	1	**$18.00**
4524	750–1500	23x16	20	1	**19.00**
FLOODLIGHT WITH BRACKET MOUNTING HOOD **Open Wiring Style**					
4532	300–500	20x15	17	1	**$16.00**
4534	750–1500	23x16	20	1	**17.00**
DURAK ALUMINUM INNER BEAM PROJECTOR **Inner Beam Projectors Are Supplied Only When Ordered**					
442	For 350–500 Watt Floodlight			1	**$3.00**
444	For 750–1500 Watt Floodlight			1	**3.00**

Bracket Mounting

Cast aluminum bracket mounting hood is for open wiring. May be clamped on 1 to 2 inch iron pipe or attached to wooden crossarm or other flat surfaces. Allows for vertical and lateral positioning. Threaded wire entrance bushing may be replaced with BX connector.

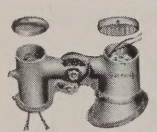
Projecto Floodlight



No. 6524

PERMANENTLY FINISHED IN VITREOUS FIRED PORCELAIN ENAMEL

The Projecto Floodlight is designed for general purpose floodlighting to produce evenly diffused illumination over a wide area. Equipped with cast aluminum ventilated hood for pole or bracket mounting which allows floodlight to be quickly removed for cleaning without disturbing the wiring. Both styles of hoods are weatherproof and provide for complete vertical and lateral positioning. Standard finish is vitreous fired green porcelain enamel. Other colors will be supplied when ordered. Prices do not include lamps.



Pole Mounting

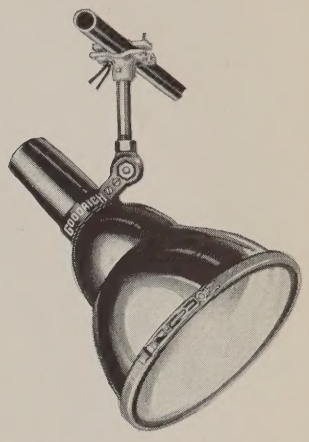
Cast aluminum pole mounting hood is for concealed wiring. Slips 2 inch iron pipe. Allows for vertical and lateral positioning. Removable caps and large wireway permit connecting line wires directly to socket terminals without splicing and without removing socket.

Number	Style	Lamp Size	Diam.	Shipping Weight	Std. Pkg.	List Price
FLOODLIGHT WITH POLE MOUNTING HOOD **Concealed Wiring Style** **NEC Standard**						
6524	Open	750–1500	18	22	1	**$15.50**
6624	Enclosed	750–1500	18	25	1	**20.00**
FLOODLIGHT WITH BRACKET MOUNTING HOOD **Open Wiring Style**						
6534	Open	750–1500	18	22	1	**$13.50**
6634	Enclosed	750–1500	18	25	1	**18.00**
DURAK ALUMINUM INNER BEAM PROJECTOR **Inner Beam Projectors Are Supplied Only When Ordered**						
464	Inner Beam Projector				1	**$3.00**

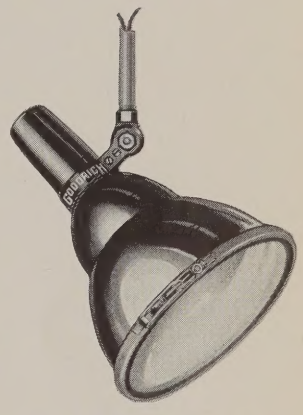
Bracket Mounting

Cast aluminum bracket mounting hood is for open wiring. May be clamped on 1 to 2 inch iron pipe or attached to wooden crossarm or other flat surfaces. Allows for vertical and lateral positioning. Threaded wire entrance bushing may be replaced with BX connector.

Portable Outdoor Floodlight



No. 577 With Bracket Arm



No. 557 With Pipe Bracket

No. 7 With Cast Base

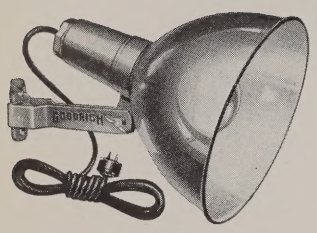
PERMANENTLY FINISHED IN VITREOUS FIRED PORCELAIN ENAMEL

Goodrich Portable Outdoor Floodlights are especially designed for the outdoor illumination of buildings, driveways, entrances, temporary signs, outdoor greasing pits, lift areas, etc. Reflectors are high fired vitreous porcelain enamel and are supplied both with and without watertight glass lens. Being entirely weatherproof and portable, these floodlights offer an inexpensive method of illumination. Some styles have holes in the base for mounting on wall or they may be spiked to the ground. Others have clamp for fastening to iron pipe where a more or less permanent installation is required.

Goodrich Portable Outdoor Floodlights are made of heavy gauge rustless iron, and finished with three coats of vitreous fired green porcelain enamel. They have 90° of vertical adjustment and 360° of horizontal adjustment around the base. Base style floodlights are equipped with 8 feet of all rubber duplex cord with attachment plug. Shipped in individual carton containers. Sockets are all approved by Underwriters' Laboratories. Prices do not include lamps.

Lamp Size	Diam.	Shipping Weight	Std. Pkg.	Floodlight Without Lens		Floodlight with Watertight Glass Lens	
				Number	List Price	Number	List Price
FLOODLIGHT WITH BRACKET ARM **For Clamping on 1″ to 2″ Pipe**							
100–150	8	11	1	**586**	**$5.20**	**576**	**$7.50**
200	10	13	1	**587**	**9.00**	**577**	**11.50**
300–500	10	13	1	**585**	**10.00**	**575**	**12.50**
FLOODLIGHT WITH PIPE BRACKET **Standard Tapping ½″—When Specified ¾″**							
100–150	8	9	1	**566**	**$4.20**	**556**	**$6.50**
200	10	11	1	**567**	**8.00**	**557**	**10.50**
300–500	10	11	1	**565**	**9.00**	**555**	**11.50**
FLOODLIGHT WITH CAST BASE **With Cord and Plug**							
100–150	8	11	1	**546**	**$4.20**	**6**	**$6.50**
200	10	13	1	**547**	**8.00**	**7**	**10.50**
300–500	10	13	1	**545**	**9.00**	**5**	**11.50**

Flexolite



No. 1374
With Bracket Arm

PERMANENTLY FINISHED IN VITREOUS FIRED PORCELAIN ENAMEL

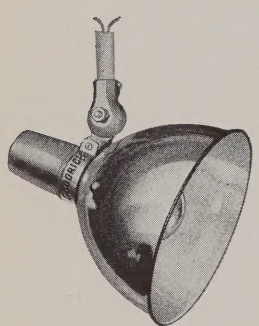
The Goodrich Flexolite is an economical porcelain enameled weatherproof floodlight offering a wide range of utility for indoor or outdoor illumination. The low price of this unit, together with its permanent finish and complete adjustability, recommends the Flexolite for such locations as work shops, garages, gardens, recreational areas or for protection against prowlers at night. The reflector is made of rust-resisting iron and permanently finished with three coats of vitreous fired porcelain enamel, gray outside.

BRACKET ARM—Floodlight is equipped with bracket arm and mounting plate providing universal adjustment and an easy method of mounting on horizontal or vertical surfaces. Supplied with eight feet of duplex rubber covered cord with plug and Underwriters' approved medium base socket.

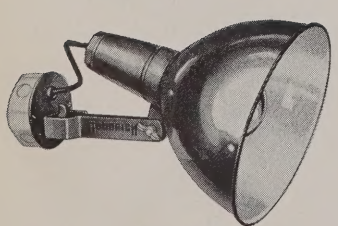
PIPE BRACKET—Floodlight is equipped with adjustable cast fitting tapped for ½ inch conduit and Underwriters' approved medium base socket. When specified, ¾ inch tapping will be furnished at same price. Designed for concealed wiring.

OUTLET-BOX BRACKET—Floodlight is equipped with adjustable bracket arm and a bushed cord-entrance cover for mounting on 3¼ inch or 4 inch standard outlet-box. Supplied with two feet of duplex rubber covered cord and Underwriters' approved medium base socket.

The Flexolite is packed one complete floodlight in a corrugated shipping container. Prices do not include lamps.



No. 1384
With Pipe Bracket



No. 1394
With Outlet-Box Bracket

Number	Lamp Size	Diam.	Shipping Weight	Std. Pkg.	List Price
FLOODLIGHT WITH BRACKET ARM **With Cord and Plug**					
1372	100	8	5	1	**$3.65**
1374	200–300*	10	6	1	**3.95**
FLOODLIGHT WITH PIPE BRACKET **Standard Tapping ½"—When Specified, ¾ inch**					
1382	100	8	5	1	**$3.90**
1384	200–300*	10	6	1	**4.20**
FLOODLIGHT WITH OUTLET-BOX BRACKET **Fits 3¼" or 4" Standard Outlet-Box**					
1392	100	8	5	1	**$3.65**
1394	200–300*	10	6	1	**3.95**

*300 Watt Medium Base

Durak Aluminum Weatherproof Area Light

The Goodrich weatherproof Area Light is designed for the outdoor illumination of signs, buildings, grounds, driveways, and other outdoor areas. Equipped with Durak electro-chemically processed aluminum reflector. Standard finish is bronze. Supplied with or without watertight glass lens.

Area Light is available in three styles to suit practically all installation requirements and provides a means of securing effective and economical illumination.

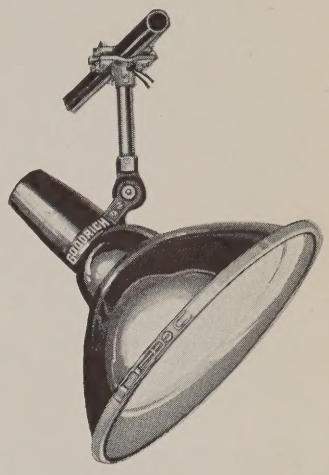
BRACKET ARM — Area Light is equipped with adjustable bracket arm for clamping on 1 to 2 inch pipe, or it may be attached to wooden crossarm or other flat surface. Supplied with Underwriters' approved mogul base socket.

PIPE BRACKET — Area Light is equipped with adjustable cast fitting tapped for ½ inch conduit and Underwriters' approved mogul base socket. When specified, ¾ inch tapping will be furnished at same price. Designed for concealed wiring.

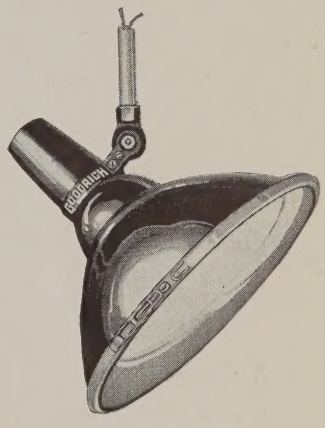
CAST BASE — Area Light is equipped with cast base and swivel providing complete vertical and lateral positioning. Can be spiked to ground or fastened to flat surface. Supplied with eight feet of duplex rubber covered cord and Underwriters' approved mogul base socket.

Packed one complete Area Light in a corrugated shipping container. Prices do not include lamps.

Lamp Size	Diam.	Shipping Weight	Std. Pkg.	Floodlight Without Lens		Floodlight With Diffusing Watertight Glass Lens	
				Number	List Price	Number	List Price
FLOODLIGHT WITH BRACKET ARM **For Clamping on 1″ to 2″ Pipe**							
300-500	16	20	1	**644**	**$13.40**	**14**	**$18.00**
FLOODLIGHT WITH PIPE BRACKET **Standard Tapping ½″—When Specified, ¾″**							
300-500	16	18	1	**646**	**$12.40**	**656**	**$17.00**
FLOODLIGHT WITH CAST BASE **With Cord and Plug**							
300-500	16	20	1	**645**	**$12.40**	**15**	**$17.00**



No. 14
With Bracket Arm



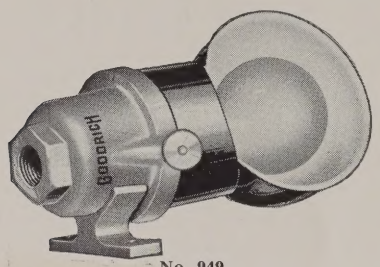
No. 656
With Pipe Bracket

No. 15
With Cast Base

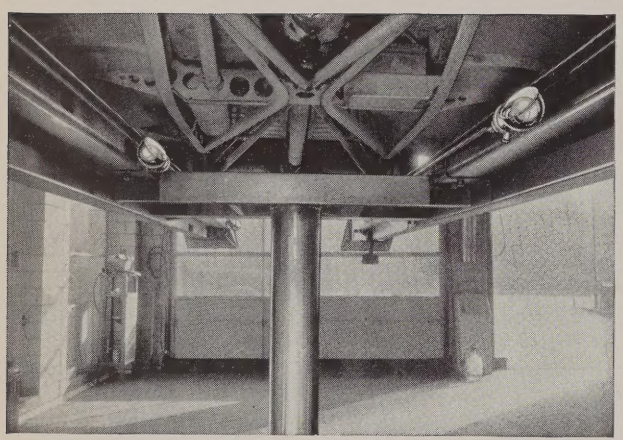
Liftlite

PATENTED

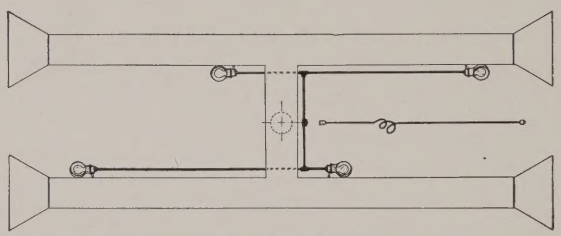
National Electrical Code Standard



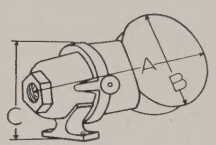
No. 949



Showing Installation of Goodrich Liftlites



Suggested Method of Installation



Dimensions Given Below

A Special Fixture for Lift Tracks—Illuminates Underside of Chassis—Shields Operator from Glare—Adjusts to Throw Light in Any Direction Desired

The view shown above illustrates how Liftlites are raised and lowered with the lift to provide efficient, glareless illumination for the underside of the chassis.

The only fixture of its kind — designed specifically for auto lifts. Mounted to move up and down with the track. Liftlites are small, compact, out of the way. They eliminate direct glare in the eyes of the operator. Reflector may be turned upward, sideways or downward as the need for light requires. The use of low wattage lamps combines efficiency with economy.

Showing Diskonect Construction

The diagram shown above illustrates a suggested method of installation.

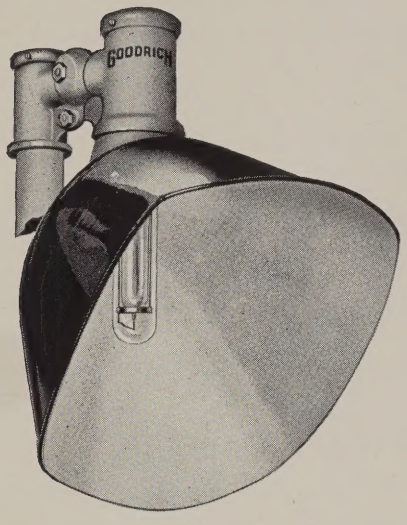
Goodrich Liftlites are supplied with the Goodrich Diskonect Hood which makes it possible to remove reflector and lamp as a unit by simply lifting the spring-set plunger in the hood. It is not necessary to disturb the wiring. The socket may be removed by giving it a quarter turn, leaving the reflector entirely free of electrical parts and permitting it to be completely submerged for cleaning. Hood is heavily cadmium plated, rust-proof.

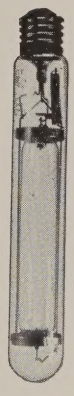
The reflector is permanently finished in vitreous fired green porcelain enamel. Other colors will be supplied when ordered. Liftlites are available singly or in sets of four, as listed below. Prices do not include lamps.

No.	Lamp Size	Tapping	Description	Shipping Wt.	Std. Pkg.	List Price
4949	40	½	Set of Four Units	12	1 Set	**$12.00**
949	40	½	One Unit.....	4	1 Unit	**4.00**

Dimensions; A-7½"; B-3⅞"; C-3½".

MERCURY VAPOR LAMP FLOODLIGHTS and STANDLITES





For Greater Illumination— Greater Attraction Value

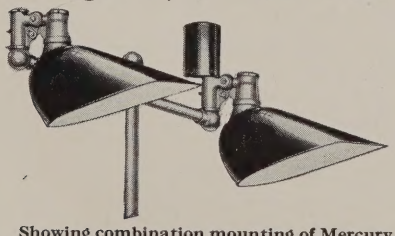
The brilliant illumination of the Mercury Vapor Lamp has a striking effect on the observer owing to the lack of red rays in this light. The newness and practical advantages bring a rapidly growing demand for Mercury Vapor Lamps and fixtures.

A Variety of Styles

for Service Stations, Buildings, Yards, etc.

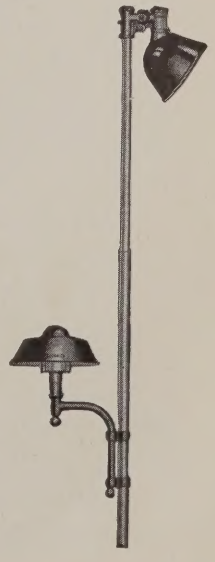
Goodrich offers both Floodlights and Standlites for use with high intensity Mercury Vapor Lamps. For illuminating gasoline service stations, building entrances, yards—wherever greater brilliance or startling color effect is desirable, Mercury Vapor Lamps are a practical low-cost solution.

Although the lamp itself is higher in price, yet with longer life, the lower current consumption of the Mercury Vapor Lamp offers many advantages especially when combined with other fixtures using Incandescent lamps.



Showing combination mounting of Mercury Vapor Lamp Diffuso Floodlight with pole top transformer and Incandescent Lamp Diffuso Floodlight.

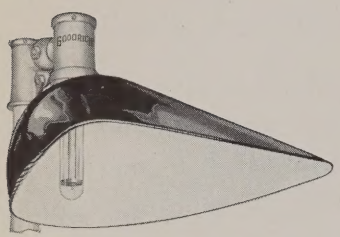
Where true color discrimination is desired combinations are available for using both Mercury Vapor and Incandescent lamps. With this combination, color values approximating true daylight are obtained. Particular care, however, must be used to see that the 400-watt Mercury Vapor Lamp is always burned in a vertical position. If allowed to deviate more than 10 degrees, the arc stream will touch the side of the glass tube and ruin the lamp. The 400 - Watt Mercury Vapor Standlite listed on page 12, requires base-down burning lamp.



Showing shielded Mercury Vapor Lamp Standlite mounted on bracket for effective lighting of the corner or edge of gasoline service stations.

Mercury Floodlights

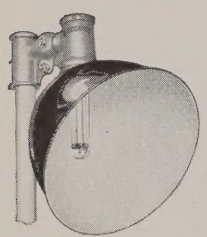
Equipped with ventilated cast aluminum hood for pole or bracket mounting. Standard finish is permanent vitreous fired green porcelain enamel. Other colors will be supplied. Inner Beam Projectors are made of Durak electro-chemically processed aluminum and are supplied only when ordered. Prices do not include transformers or lamps.



No. 9024 Diffuso Floodlight

Diffuso Mercury Floodlight

Number	Style of Hood	Lamp Size	Shipping Weight	Std. Pkg.	List Price
9024	Pole Mounting	400	25	1	**$28.00**
9034	Bracket Mounting	400	25	1	**26.00**
494	Inner Beam Projector			1	**3.00**

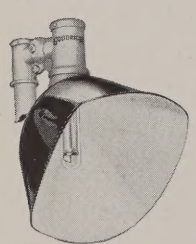


No. 8024 Reflecto Floodlight

Reflecto Mercury Floodlight

No.	Style of Floodlight	Style of Hood	Lamp Size	Shipping Weight	Std. Pkg.	List Price
8024	Open	Pole Mounting	400	22	1	**$19.00**
8124	Enclosed	Pole Mounting	400	26	1	**27.00**
8034	Open	Bracket Mounting	400	22	1	**17.00**
8134	Enclosed	Bracket Mounting	400	26	1	**25.00**
484	Inner Beam Projector				1	**3.00**

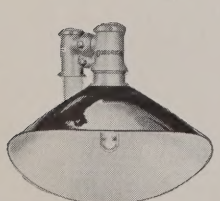
Enclosed style equipped with hinged watertight clear convex glass lens.



No. 3024 Quarto Floodlight

Quarto Mercury Floodlight

Number	Style of Hood	Lamp Size	Shipping Weight	Std. Pkg.	List Price
3024	Pole Mounting	400	22	1	**$19.00**
3034	Bracket Mounting	400	22	1	**17.00**
434	Inner Beam Projector			1	**3.00**



No. 4024 Elipso Floodlight

Elipso Mercury Floodlight

Number	Style of Hood	Lamp Size	Shipping Weight	Std. Pkg.	List Price
4024	Pole Mounting	400	20	1	**$19.00**
4034	Bracket Mounting	400	20	1	**17.00**
444	Inner Beam Projector			1	**3.00**

Mercury Floodlights

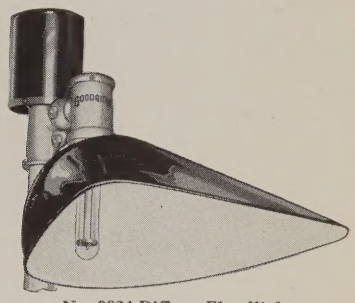
With Pole Top Transformers

Equipped with ventilated cast aluminum hood for pole mounting with transformer permanently attached for operation on 100, 107, 115 or 123 volt alternating current. Removable plate on transformer allows easy access for wiring. Floodlight finish is permanent vitreous fired green porcelain enamel. Other colors will be supplied. Inner Beam Projectors are made of Durak electro-chemically processed aluminum and are supplied only when ordered. Prices do not include lamps.

Diffuso Mercury Floodlight

With Pole Top Transformer

Number	Style of Hood	Lamp Size	Shipping Weight	Std. Pkg.	List Price
9824	Pole Mounting	400	55	1	**$61.00**
494	Inner Beam Projector			1	**3.00**

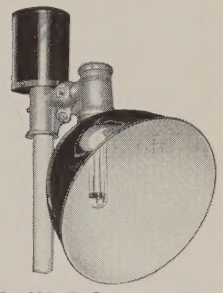


No. 9824 Diffuso Floodlight

Reflecto Mercury Floodlight

With Pole Top Transformer

No.	Style of Floodlight	Style of Hood	Lamp Size	Shipping Weight	Std. Pkg.	List Price
8824	Open	Pole Mounting	400	52	1	**$52.00**
8924	Enclosed	Pole Mounting	400	56	1	**60.00**
484	Inner Beam Projector				1	**3.00**

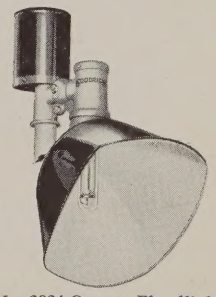


No. 8824 Reflecto Floodlight

Quarto Mercury Floodlight

With Pole Top Transformer

Number	Style of Hood	Lamp Size	Shipping Weight	Std. Pkg.	List Price
3824	Pole Mounting	400	52	1	**$52.00**
434	Inner Beam Projector			1	**3.00**

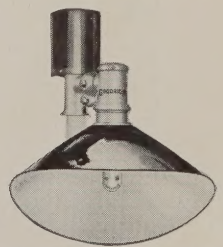


No 3824 Quarto Floodlight

Elipso Mercury Floodlight

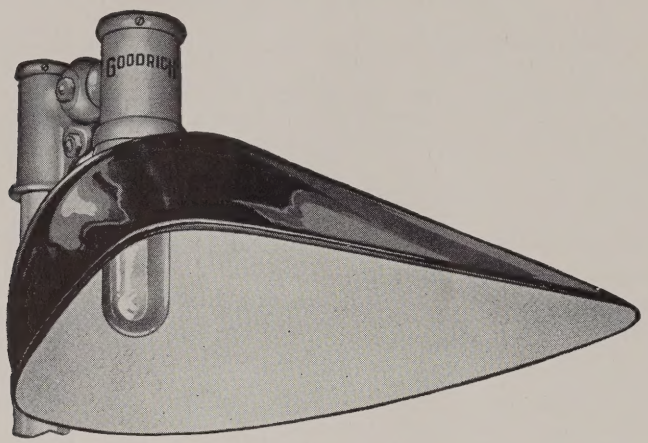
With Pole Top Transformer

Number	Style of Hood	Lamp Size	Shipping Weight	Std. Pkg.	List Price
4824	Pole Mounting	400	50	1	**$52.00**
444	Inner Beam Projector			1	**3.00**



No. 4824 Elipso Floodlight

BIPOST LAMP FLOODLIGHTS



PERMANENTLY FINISHED IN VITREOUS FIRED PORCELAIN ENAMEL

Bipost base lamps, developed to fill the need for high wattage light sources of small size and rugged construction, are supplied in 500 watt, 750 watt and 1000 watt sizes, and are designed for base up or base down burning.

The bulbs are made of heat resisting hard glass having very low thermal expansion which makes them resistant to breakage resulting from sudden temperature changes. This very greatly reduces bulb failure resulting from contacting rain, snow, or sleet, and makes the lamp very desirable for outdoor service.

The bipost lamp has a cubical content of about one third that of the equivalent wattage in a standard screw base lamp. The use of the bipost base permits more accurate focusing of the filament. Although the burning position is specified as base up or base down, the bipost lamp will operate satisfactorily if tipped not more than 20° from the vertical.

The base consists of two posts which are a continuation of the leads which support the filament. The posts are sealed to a flat heat resisting glass section, and this saucer is then sealed to the bulb.

Bipost lamps require a porcelain socket of special design to accommodate the bipost prongs, hence it is not possible to underlamp a fixture using bipost lamps as easily as those using standard lamps because bipost lamps are not made in sizes under 500 watt, and are not carried in stock by all lamp dealers.

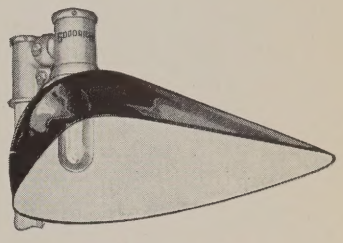
The advantages claimed for the bipost lamp are small size, more even maintenance of efficiency, extreme ruggedness, less likelihood of a fixture being underlamped by the user, more resistant to temperature changes, therefore less apt to be damaged when unprotected in outdoor service against rain, snow, or other unfavorable weather conditions.

Bipost Lamp Floodlights

Equipped with ventilated cast aluminum hood for pole or bracket mounting. Standard finish is permanent vitreous fired green porcelain enamel. Other colors will be supplied. Inner Beam Projectors are made of Durak electro-chemically processed aluminum and are supplied only when ordered.

Diffuso Bipost Floodlight

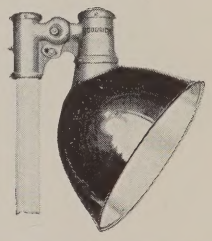
Number	Style of Hood	Lamp Size	Shipping Weight	Std. Pkg.	List Price
9222	Pole Mounting	500	17	1	**$22.00**
9224	Pole Mounting	750–1000	25	1	**28.00**
9232	Bracket Mounting	500	17	1	**20.00**
9234	Bracket Mounting	750–1000	25	1	**26.00**
492	Inner Beam Projector for 500 Watt Floodlight			1	**3.00**
494	Inner Beam Projector for 750-1000 Watt Floodlight			1	**3.00**



No. 9224 Diffuso Floodlight

Reflecto Bipost Floodlight

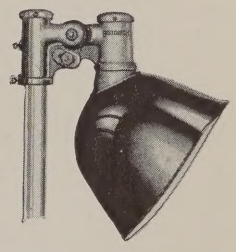
No.	Style of Floodlight	Style of Hood	Lamp Size	Shipping Weight	Std. Pkg.	List Price
8222	Open	Pole Mounting	500	18	1	**$17.50**
8322	Enclosed	Pole Mounting	500	21	1	**23.50**
8224	Open	Pole Mounting	750–1000	22	1	**19.00**
8324	Enclosed	Pole Mounting	750–1000	26	1	**27.00**
8232	Open	Bracket Mounting	500	18	1	**15.50**
8332	Enclosed	Bracket Mounting	500	21	1	**21.50**
8234	Open	Bracket Mounting	750–1000	22	1	**17.00**
8334	Enclosed	Bracket Mounting	750–1000	26	1	**25.00**
482	Inner Beam Projector for 500 Watt Floodlight				1	**3.00**
484	Inner Beam Projector for 750-1000 Watt Floodlight				1	**3.00**



No. 8224 Reflecto Floodlight

Quarto Bipost Floodlight

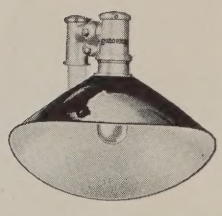
Number	Style of Hood	Lamp Size	Shipping Weight	Std. Pkg.	List Price
3222	Pole Mounting	500	22	1	**$18.00**
3224	Pole Mounting	750–1000	22	1	**19.00**
3232	Bracket Mounting	500	22	1	**16.00**
3234	Bracket Mounting	750–1000	22	1	**17.00**
432	Inner Beam Projector for 500 Watt Floodlight			1	**3.00**
434	Inner Beam Projector for 750-1000 Watt Floodlight			1	**3.00**



No. 3224 Quarto Floodlight

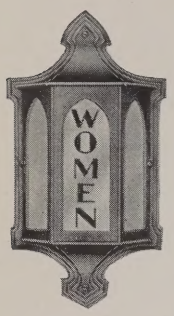
Elipso Bipost Floodlight

Number	Style of Hood	Lamp Size	Shipping Weight	Std. Pkg.	List Price
4222	Pole Mounting	500	17	1	**$18.00**
4224	Pole Mounting	750–1000	20	1	**19.00**
4232	Bracket Mounting	500	17	1	**16.00**
4234	Bracket Mounting	750–1000	20	1	**17.00**
442	Inner Beam Projector for 500 Watt Floodlight			1	**3.00**
444	Inner Beam Projector for 750-1000 Watt Floodlight			1	**3.00**



No. 4224 Elipso Floodlight

Special Lighting Equipment



No. 9472

DIRECTIONAL SIGN LIGHT

Ivory Finished Cast Fixture

For Outdoor Use SCHEDULE 2

Number	Lamp Size	Dimensions		Weight Std. Pkg.	Std. Pkg.	List Price
		Width	Height			
9472	60	7	13	9	1	**$10.00**

No. 54516

STANDARD DOME OUTLET-BOX REFLECTOR

Complete with Resilient Keyless Cover-Socket SCHEDULE 2

Number	Lamp Size	Dimensions		Weight Std. Pkg.	Std. Pkg.	List Price
		Diam.	Height			
54512	60–100	12	4⅝	24	10	**$2.40**
54514	150	14	5½	30	10	**2.70**
54516	200	16	6¼	38	10	**3.10**

PULL-CHAIN SOCKET—Specify and add $0.80 to list price of reflector with keyless socket.

REFLECTOR WITH FLANGE—When specified, above reflectors will be supplied with ¾ inch flange for mounting flush with plaster, at an addition of $0.45 to list price.

No. 8

SPOTLIGHTS

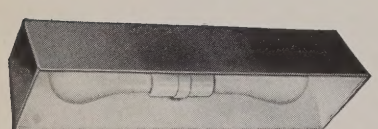
Aluminum—Bronze Finish

For Indoor Use

Goodrich Spotlights have universal adjustment and offer an inexpensive means of securing attractive advertising or decorative effects. Prices do not include lamps.

SCHEDULE 4

Number	Type	Lamp Size	Reflector Diameter	Weight Std. Pkg.	Std. Pkg.	List Price
8	Spotlight	200	10	7	1	$5.00
9	Area Light	200	10	7	1	5.00
894	Color Attachment, With One Each Red, Blue, Green and Amber Color Gelatins				1	**2.00**



No. 1702

WINDOW LIGHTING REFLECTOR

The Goodrich Window Lighting Reflector is porcelain enameled offering an attractive appearance as well as providing a reflecting surface that is both efficient and permanent. SCHEDULE 2

Number	Lamp Size	Weight Std. Pkg.	Std. Pkg.	List Price
1702	Two 100 Watt Lamps	25	5	**$5.90**

Goodrich Engineers Provide A Complete Lighting Service

You will find in the following pages the clearest, most complete and concise information ever compiled to help you select, plan, and install proper lighting equipment. Lighting curves and charts, as well as a series of lighting plans and layouts, provide complete data for spacing and mounting Floodlights, Standlites, and other lighting equipment.

This data has been prepared and is presented with the sole idea of making it simple and easy to use. You can now eliminate guesswork and accurately determine the correct amount of illumination necessary as well as the proper equipment and its correct application for each job.

Regular use of the charts and layouts in this section will save you time and trouble in planning your installations. On practically any question requiring the selection of lighting equipment or recommended methods of installation, you have the answer here at your fingertips.

Free Assistance on Any Other Lighting Problems

We maintain a separate engineering department, staffed by experienced illuminating engineers who will gladly answer any problem, recommend layouts and methods whenever this advice is desired. Do not hesitate to write us. This department is maintained to help you and is free for the asking.

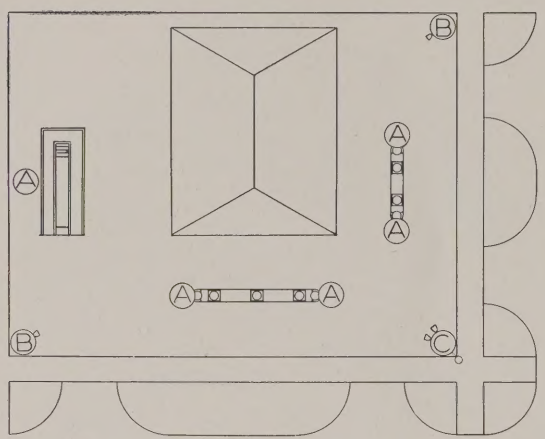
LIGHTING EQUIPMENT RECOMMENDED FOR ILLUMINATION OF SERVICE STATION

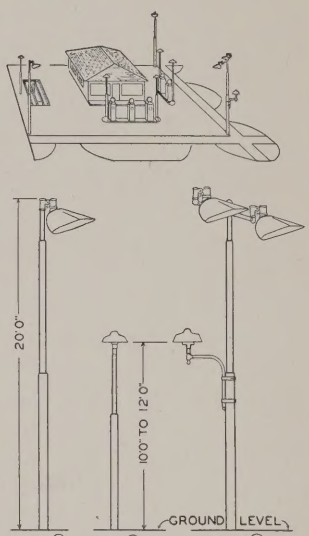
For complete listing of No. 90 Diffuso Floodlight, see page 16.

For complete listing of No. 77 Direct Standlite, see page 5.

For complete listing of No. 5241 Mercury Standlite, see page 12.

SUGGESTED LIGHTING PLAN FOR SERVICE STATION





POLES REQUIRED		FLOODLIGHTS AND STANDLITES REQUIRED FOR EACH POLE		LAMP SIZE
QUANTITY	TYPE	QUANTITY	TYPE	WATT
2	B	1	NO. 90 DIFFUSO FLOODLIGHT	1000
4	A	1	NO. 77 DIRECT STANDLITE	500
1	C	2	NO. 90 DIFFUSO FLOODLIGHT	1000
		1	NO. 5241 MERCURY STANDLITE	400

GOODRICH ELECTRIC COMPANY

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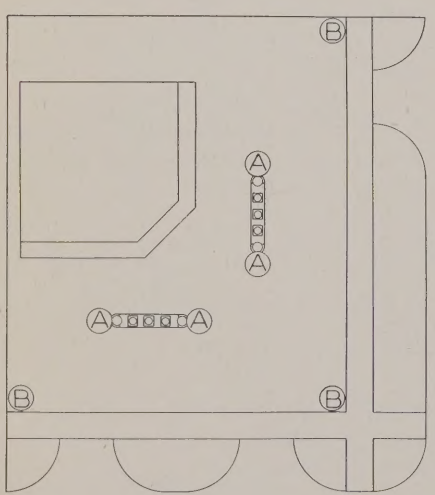
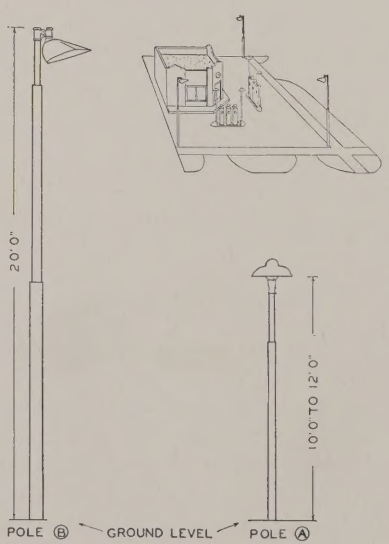
SUGGESTED LIGHTING PLAN FOR SERVICE STATION





POLES REQUIRED		FLOODLIGHTS AND STANDLITES REQUIRED FOR EACH POLE		LAMP SIZE
QUANTITY	TYPE	QUANTITY	TYPE	WATT
3	A	1	NO. 90 DIFFUSO FLOODLIGHT	1000
4	B	1	NO. 77 DIRECT STANDLITE	500

GOODRICH ELECTRIC COMPANY

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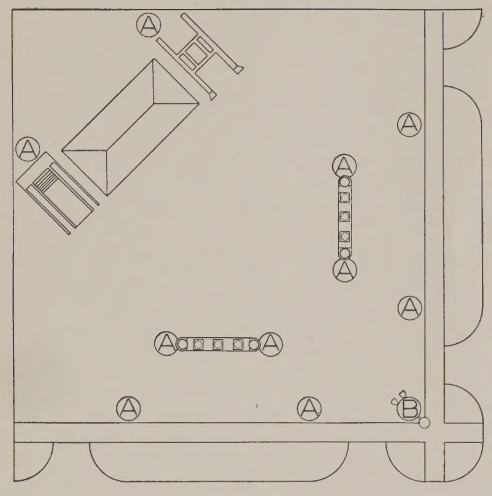
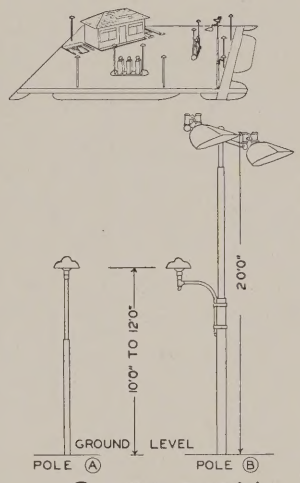
LIGHTING EQUIPMENT RECOMMENDED FOR ILLUMINATION OF SERVICE STATION

For complete listing of No. 90 Diffuso Floodlight, see page 16.

For complete listing of No. 77 Direct Standlite, see page 5.

SUGGESTED LIGHTING PLAN FOR SERVICE STATION





POLES REQUIRED		FLOODLIGHTS AND STANDLITES REQUIRED FOR EACH POLE		LAMP SIZE
QUANTITY	TYPE	QUANTITY	TYPE	WATT
10	A	1	NO. 77 DIRECT STANDLITE	500
1	B	2	NO. 90 DIFFUSO FLOODLIGHTS	1000
		1	NO. 77 DIRECT STANDLITE	500

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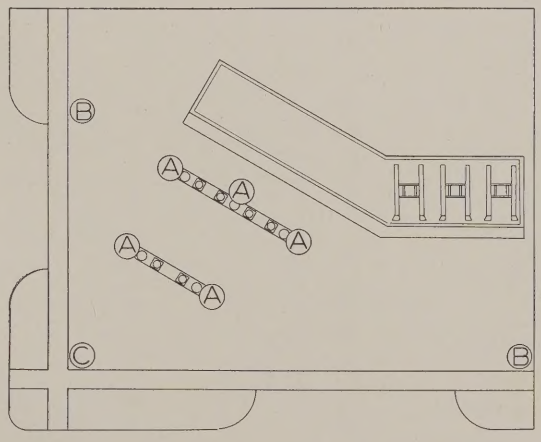
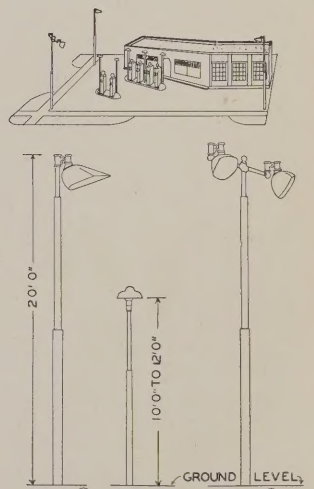
LIGHTING EQUIPMENT RECOMMENDED FOR ILLUMINATION OF SERVICE STATION

For complete listing of No. 77 Direct Standlite, see page 5.

For complete listing of No. 90 Diffuso Floodlight, see page 16.

SUGGESTED LIGHTING PLAN FOR SERVICE STATION





POLES REQUIRED		FLOODLIGHTS AND STANDLITES REQUIRED FOR EACH POLE		LAMP SIZE
QUANTITY	TYPE	QUANTITY	TYPE	WATT
1	C	2	NO. 3524 QUARTO FLOODLIGHT	1000
2	B	1	NO. 90 DIFFUSO FLOODLIGHT	1000
5	A	1	NO. 77 DIRECT STANDLITE	500

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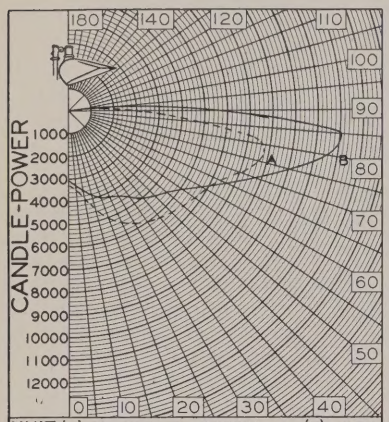
LIGHTING EQUIPMENT RECOMMENDED FOR ILLUMINATION OF SERVICE STATION

For complete listing of No. 3524 Quarto Floodlight, see page 17.

For complete listing of No. 90 Diffuso Floodlight, see page 16.

For complete listing of No. 77 Direct Standlite, see page 5.

Floodlight Curves and Charts

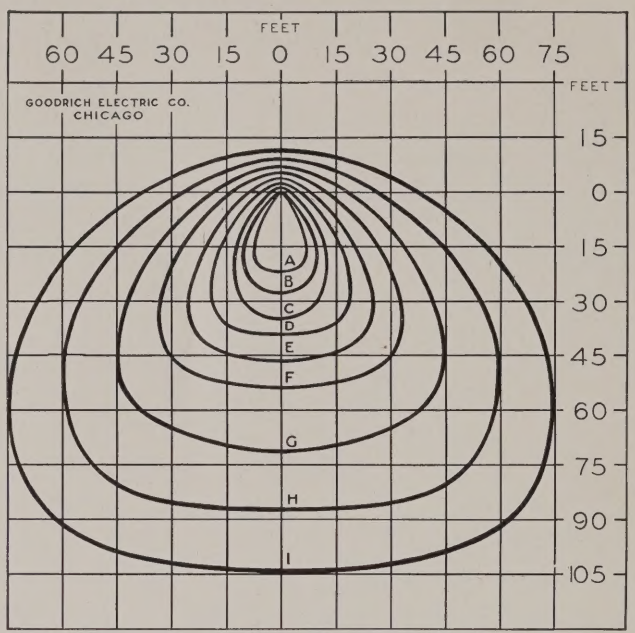


UNIT (A) DIFFUSO FLOODLIGHT – (B) WITH DURAK ALUMINUM INNER BEAM PROJECTOR

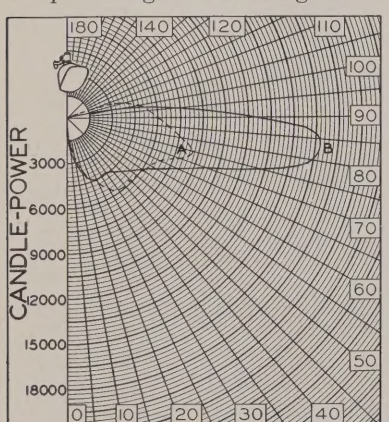
LAMP 1000 WATTS VOLTAGE 115

BULB PS-52 CLEAR LUMENS 20500

ANGLE	CANDLE-POWER A	CANDLE-POWER B	ANGLE	CANDLE-POWER A	CANDLE-POWER B
0	3235	3140	70	8055	8720
10	3885	3570	80	8620	11630
20	5145	4100	90	2175	6770
30	5710	4310	100		200
40	6260	5060	110		
50	6585	5570	120		
60	6930	6670	130		



DIFFUSO FLOODLIGHT, PAGE 16 — The above distribution curve and chart are based on lamp and floodlight sizes as listed in this catalog. Chart shows light distribution of Diffuso Floodlight, without inner beam projector, curve A, mounted 20 feet high and using a 1000 watt clear lamp. A higher mounting will illuminate a correspondingly larger area.

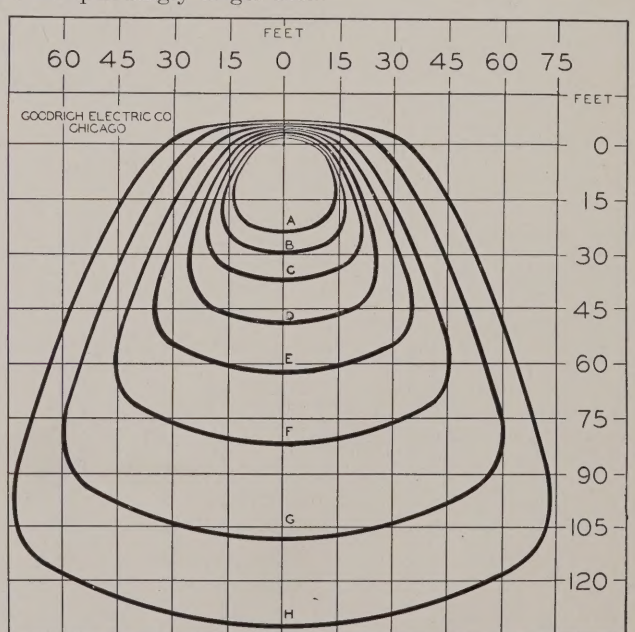


UNIT (A) QUARTO FLOODLIGHT – (B) WITH DURAK ALUMINUM INNER BEAM PROJECTOR

LAMP 1000 WATTS VOLTAGE 115

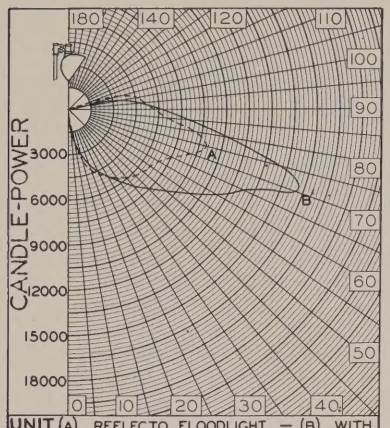
BULB PS-52 CLEAR LUMENS 20500

ANGLE	CANDLE-POWER A	CANDLE-POWER B	ANGLE	CANDLE-POWER A	CANDLE-POWER B
0	1155	900	70	7915	9940
10	2750	3130	80	7560	16400
20	4275	4230	90	5975	12200
30	5535	4440	100	4830	4820
40	5795	4780	110	1575	1140
50	5975	5400	120	715	570
60	6375	6840	130	265	200



QUARTO FLOODLIGHT, PAGE 17 — The above distribution curve and chart are based on lamp and floodlight sizes as listed in this catalog. Chart shows light distribution of Quarto Floodlight, without inner beam projector, curve A, mounted 20 feet high and using a 1000 watt clear lamp. A higher mounting will illuminate a correspondingly larger area.

Floodlight Curves and Charts

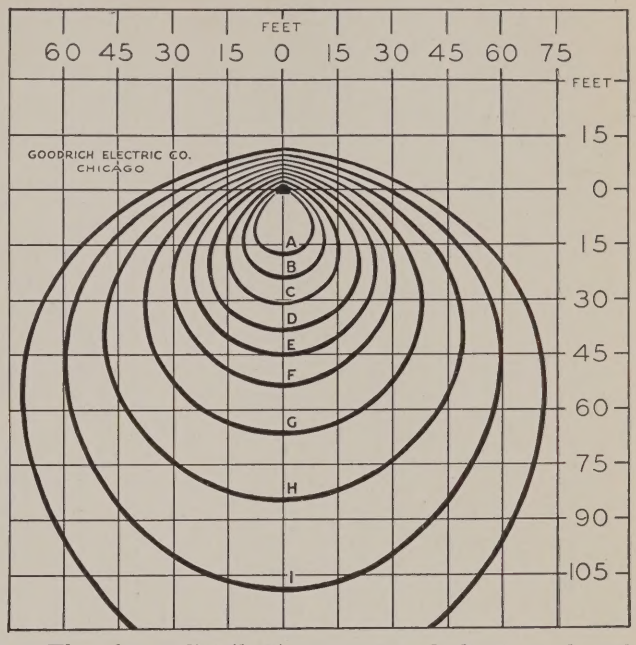


UNIT (A) REFLECTO FLOODLIGHT — (B) WITH DURAK ALUMINUM INNER BEAM PROJECTOR

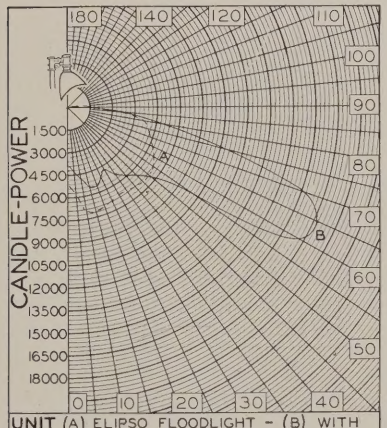
LAMP 1000 WATTS VOLTAGE 115

BULB PS-52 CLEAR LUMENS 20500

ANGLE	CANDLE-POWER A	CANDLE-POWER B	ANGLE	CANDLE-POWER A	CANDLE-POWER B
0	1170	230	70	8900	15980
10	2490	2680	80	8455	10880
20	4360	3870	90	5775	6350
30	5490	5090	100	4630	3720
40	6130	6670	110	1535	1160
50	6425	8420	120	830	640
60	6835	11140	130	315	250



REFLECTO FLOODLIGHT, PAGE 18 — The above distribution curve and chart are based on lamp and floodlight sizes as listed in this catalog. Chart shows light distribution of Reflecto Floodlight, without inner beam projector, curve A, mounted 20 feet high and using a 1000 watt clear lamp. A higher mounting will illuminate a correspondingly larger area.

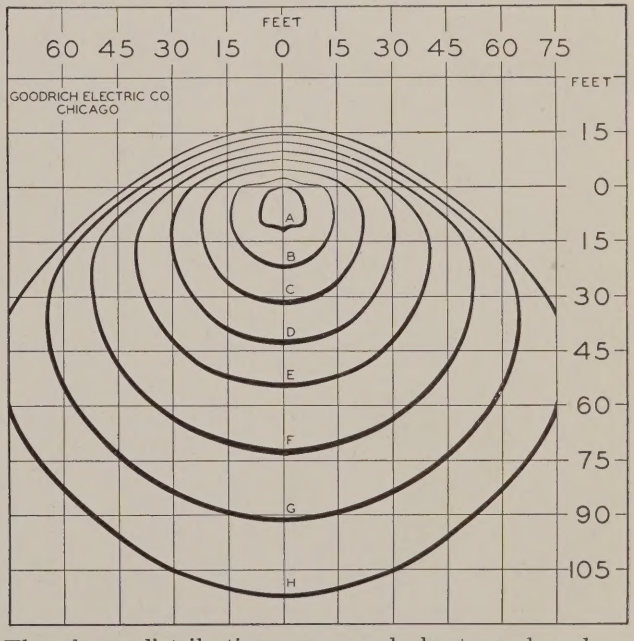


UNIT (A) ELIPSO FLOODLIGHT - (B) WITH DURAK ALUMINUM INNER BEAM PROJECTOR

LAMP 1000 WATTS VOLTAGE 115

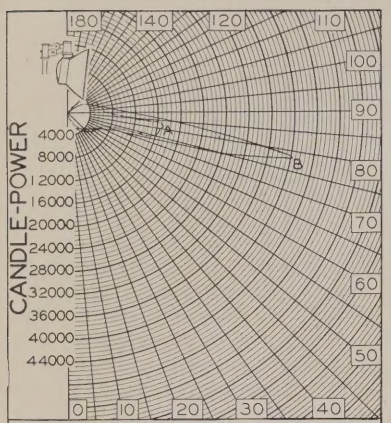
BULB PS-52 CLEAR LUMENS 20500

ANGLE	CANDLE-POWER A	CANDLE-POWER B	ANGLE	CANDLE-POWER A	CANDLE-POWER B
0	5200	3800	70	5850	16700
10	7100	4800	80	5150	6500
20	7050	5500	90	1500	1300
30	6700	5100	100	740	680
40	6750	6000	110	300	300
50	7000	7200	120	30	
60	6500	17700	130		



ELIPSO FLOODLIGHT, PAGE 19 — The above distribution curve and chart are based on lamp and floodlight sizes as listed in this catalog. Chart shows light distribution of Elipso Floodlight, without inner beam projector, curve A, mounted 20 feet high and using a 1000 watt clear lamp. A higher mounting will illuminate a correspondingly larger area.

Floodlight Curves and Charts

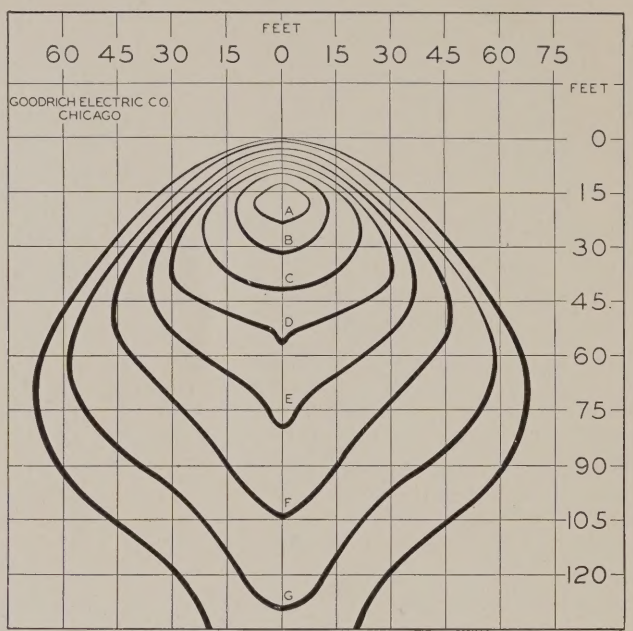


UNIT A PROJECTO FLOODLIGHT - B WITH DURAK ALUMINUM INNER BEAM PROJECTOR

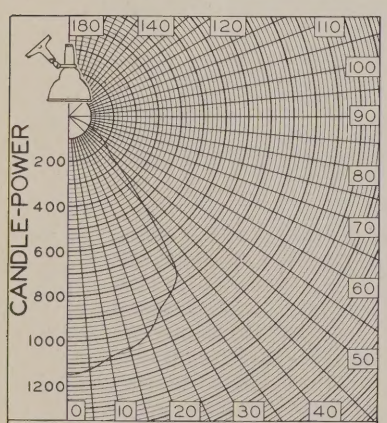
LAMP 1000 WATTS VOLTAGE 115

BULB PS-52 CLEAR LUMENS 20500

ANGLE	CANDLE-POWER A	CANDLE-POWER B	ANGLE	CANDLE-POWER A	CANDLE-POWER B
0	125	50	70	7400	9000
10	420	200	80	16400	34600
20	970	540	90	6600	10800
30	2500	1080	100	6000	6000
40	4000	3490	110	5300	4420
50	5400	4400	120	4500	3600
60	5900	5600	130	3400	1850



PROJECTO FLOODLIGHT, PAGE 20 — The above distribution curve and chart are based on lamp and floodlight sizes as listed in this catalog. Chart shows light distribution of Projecto Floodlight, without inner beam projector, curve A, mounted 20 feet high and using a 1000 watt clear lamp. A higher mounting will illuminate a correspondingly larger area.

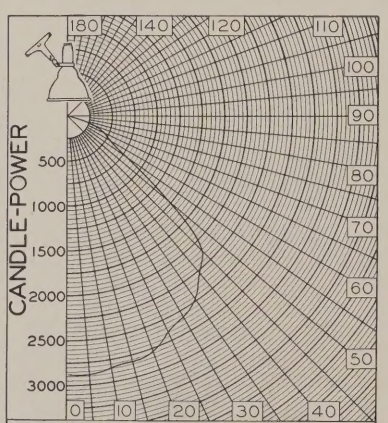


UNIT NO. 7 PORTABLE OUTDOOR FLOODLIGHT WITH CLEAR GLASS COVER

LAMP 200 WATTS VOLTAGE 115

BULB PS-30 CLEAR LUMENS 3400

ANGLE	CANDLE POWER	ANGLE	CANDLE POWER	ANGLE	CANDLE POWER
0	1150	70	50	130	
10	1090	80	10	140	
20	1040	90		150	
30	910	100		160	
40	510	110		170	
50	230	120		180	
60	130				

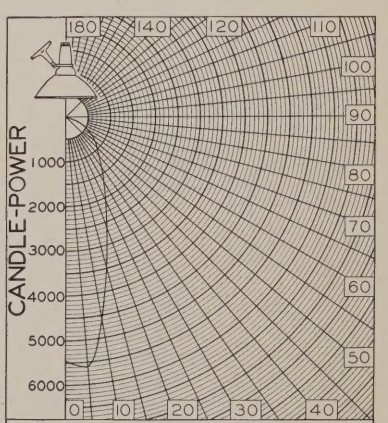


UNIT NO.5 PORTABLE OUTDOOR FLOODLIGHT WITH CLEAR GLASS COVER

LAMP 500 WATTS VOLTAGE 115

BULB PS-40 CLEAR LUMENS 9800

ANGLE	CANDLE POWER	ANGLE	CANDLE POWER	ANGLE	CANDLE POWER
0	2880	70	350	130	
10	2840	80	140	140	
20	2800	90		150	
30	2580	100		160	
40	2290	110		170	
50	1400	120		180	
60	620				



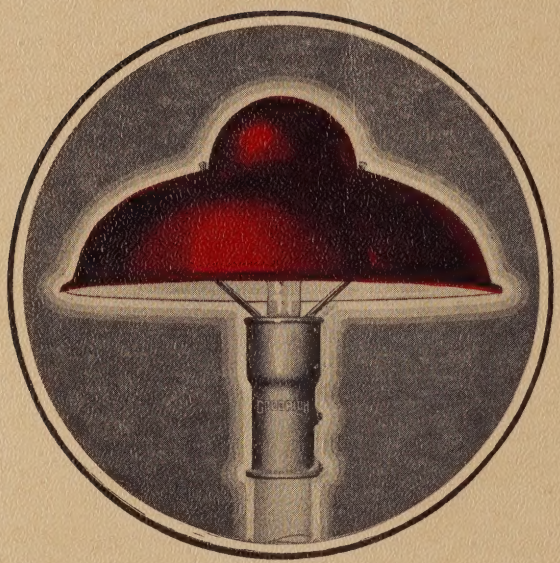
UNIT NO.15 AREA LIGHT WITH DIFFUSING GLASS COVER

LAMP 500 WATTS VOLTAGE 115

BULB PS-40 CLEAR LUMENS 9800

ANGLE	CANDLE POWER	ANGLE	CANDLE POWER	ANGLE	CANDLE POWER
0	5450	70	360	130	
10	4530	80	100	140	
20	2640	90		150	
30	1650	100		160	
40	1140	110		170	
50	840	120		180	
60	560				

PORTABLE OUTDOOR FLOODLIGHTS, PAGE 21; AREA LIGHT, PAGE 23 — The above distribution curves are based on lamp and floodlight sizes as listed in this catalog.



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